

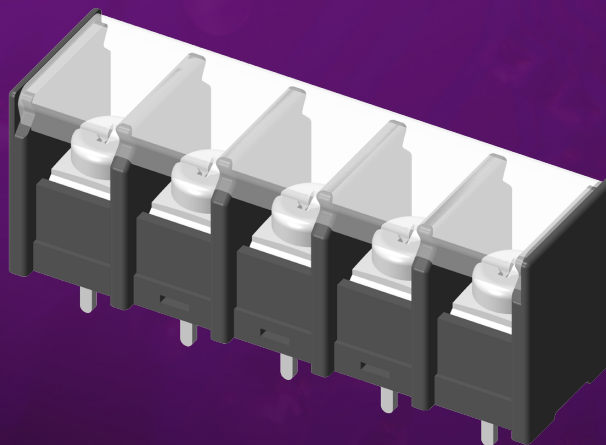
BARRIER

TERMINAL BLOCK

The product is designed in accordance with IEC 60998, UL1059, UL486E, CSA C22.2,NO.158 standards.

B

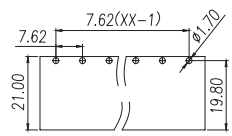
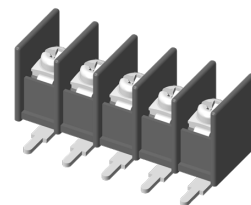
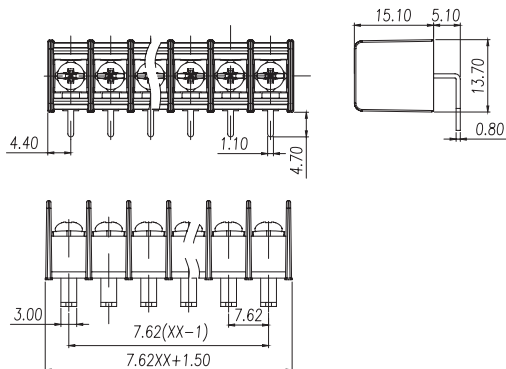
arrier Terminal Block



CONNECTORS MANUFACTURER

5TB762R-25RNXXBLX-01

Pitch / Poles : 7.62 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

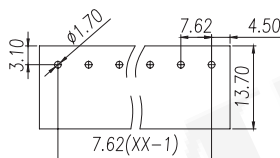
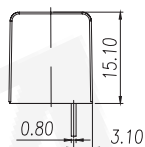
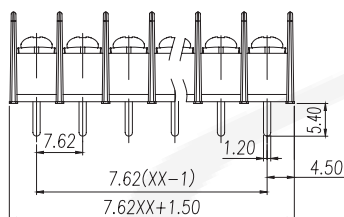
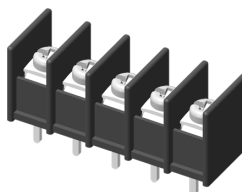
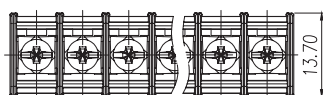
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	15A	17.5A
WIRE RANGE	22~14AWG	1.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB762S-25SNXXBLX-01

Pitch / Poles : 7.62 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

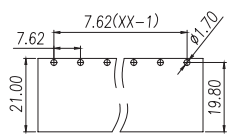
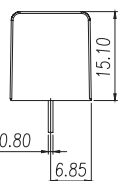
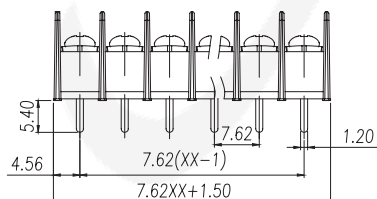
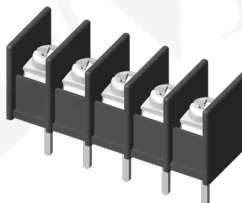
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	15A	17.5A
WIRE RANGE	22~14AWG	1.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB762S-25CNXXBLB-01

Pitch / Poles : 7.62 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

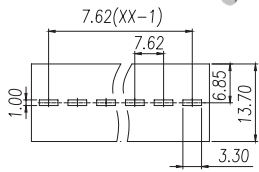
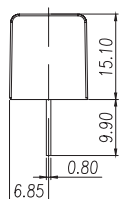
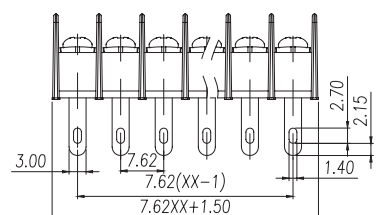
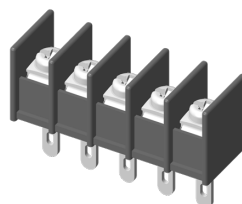
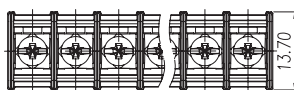
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	15A	17.5A
WIRE RANGE	22~14AWG	1.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB762S-25HNXXXLX-01

Pitch / Poles : 7.62 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

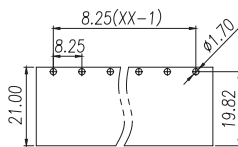
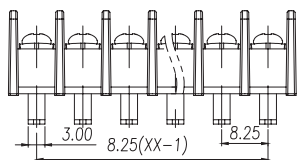
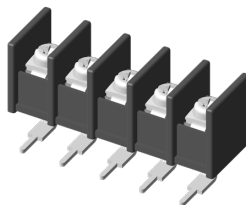
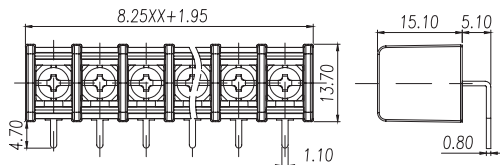
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	15A	17.5A
WIRE RANGE	22~14AWG	1.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

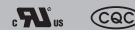
5TB825R-35RNXXBLX-01

Pitch / Poles : 8.25 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

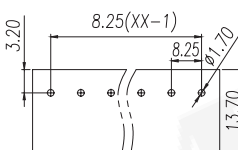
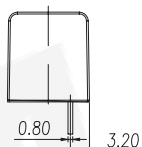
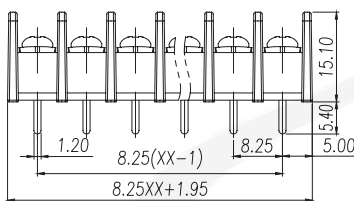
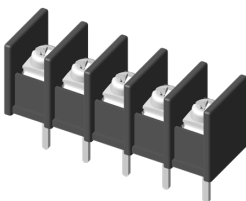
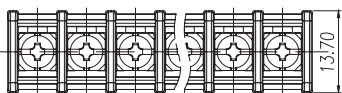
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB825S-35SNXXBLX-01

Pitch / Poles : 8.25 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

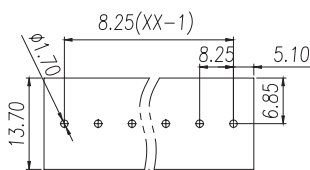
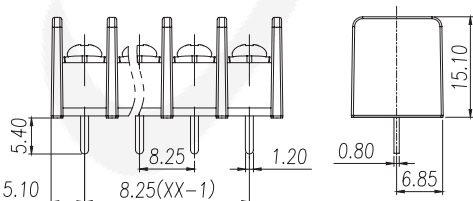
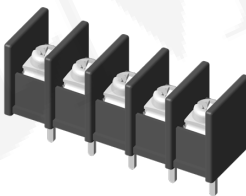
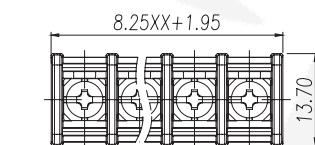
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RATED VOLTAGE	300V	250V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500mΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB825S-35CXXXXLB-01

Pitch / Poles : 8.25 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

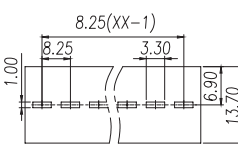
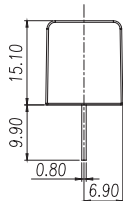
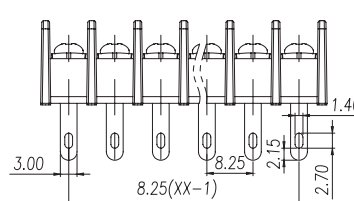
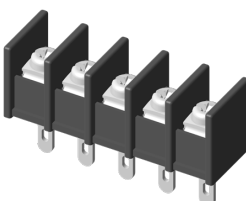
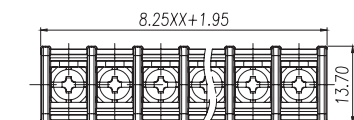
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RATED VOLTAGE	300V	250V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500mΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

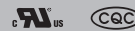
5TB825S-35HNXXBLX-01

Pitch / Poles : 8.25 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

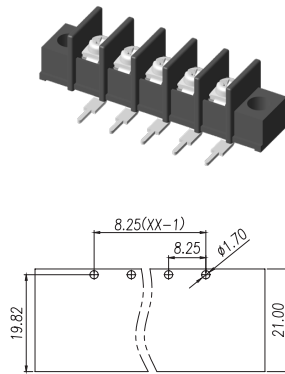
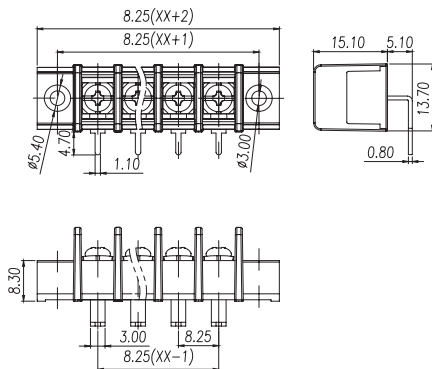
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RATED VOLTAGE	300V	250V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB825R-35REXXBLX-01

Pitch / Poles : 8.25 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

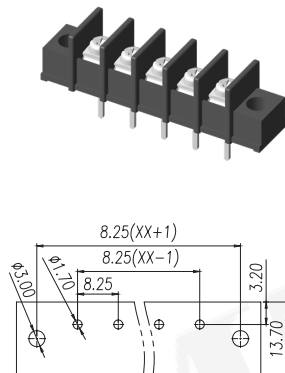
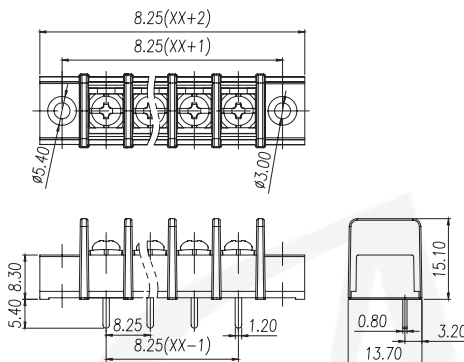
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500m Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB825S-35SEXXBLX-01

Pitch / Poles : 8.25 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

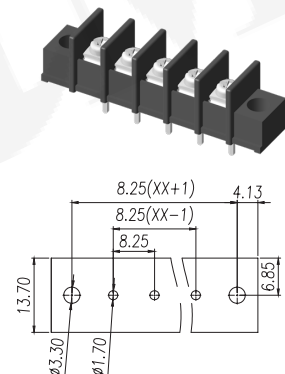
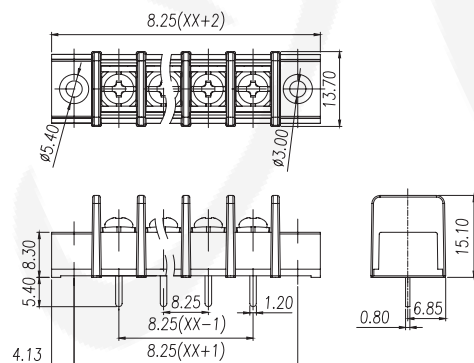
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500m Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB825S-35CEXXBLX-01

Pitch / Poles : 8.25 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

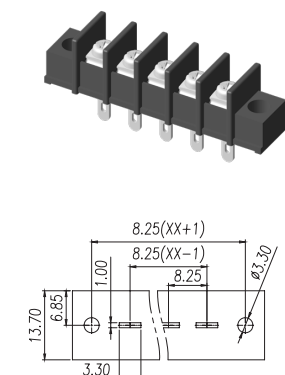
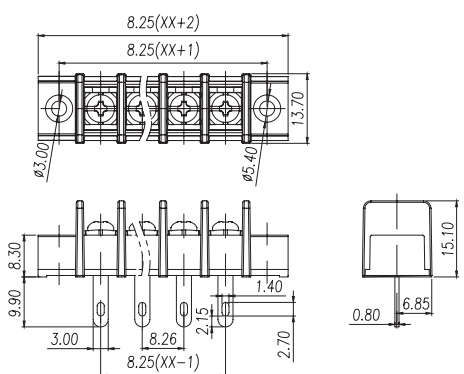
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500m Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB825S-35HEXXBLX-01

Pitch / Poles : 8.25 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

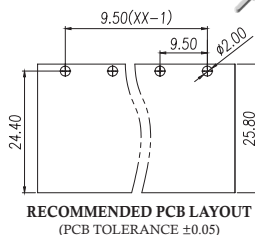
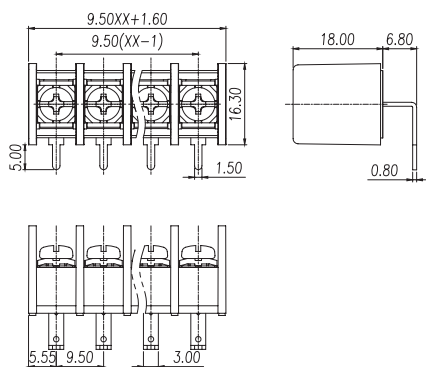
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500m Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.43Lbin	

5TB950R-45RNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

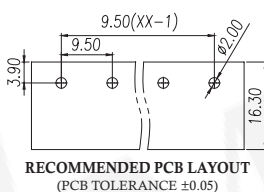
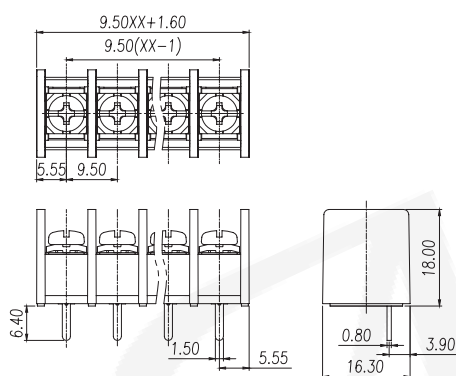
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RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-45SNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

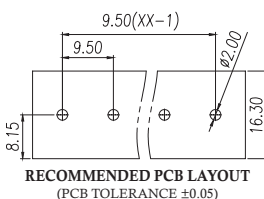
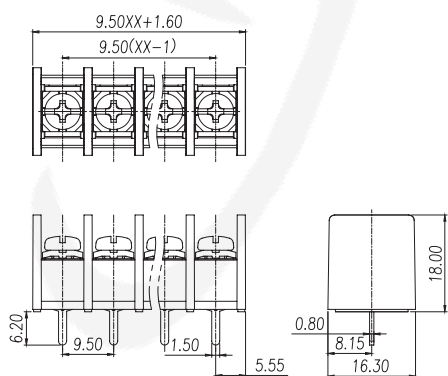
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-45CNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

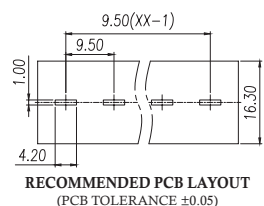
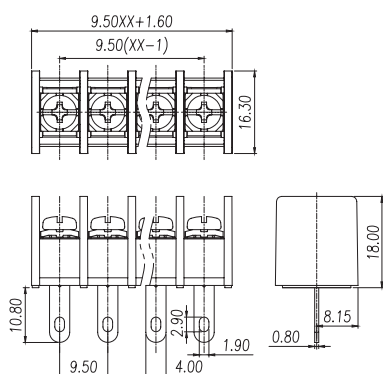
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-45HNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

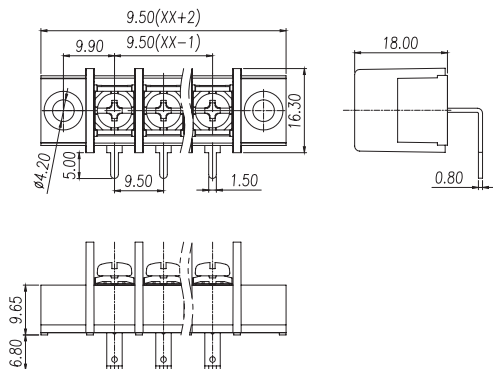
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950R-45REXXBLX-01

Pitch / Poles : 9.5 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

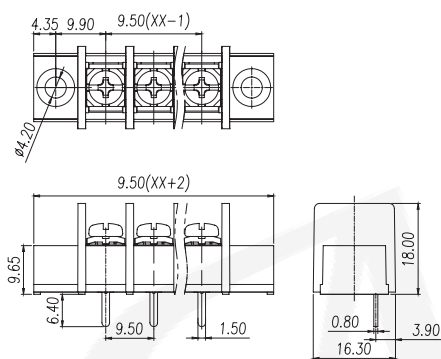
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-45SEXBLX-01

Pitch / Poles : 9.5 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

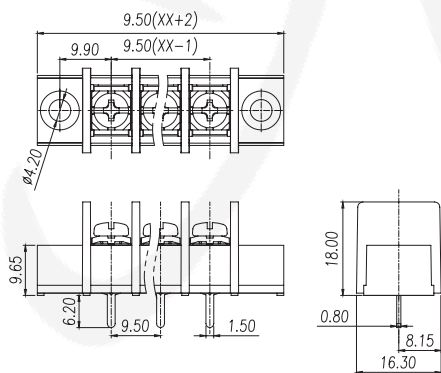
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-45CEXXBLX-01

Pitch / Poles : 9.5 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

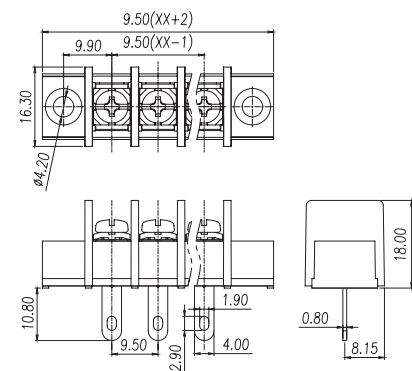
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-45HEXXBLX-01

Pitch / Poles : 9.5 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

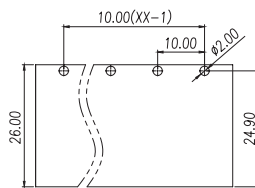
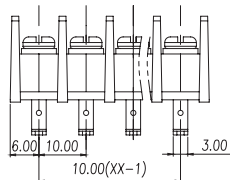
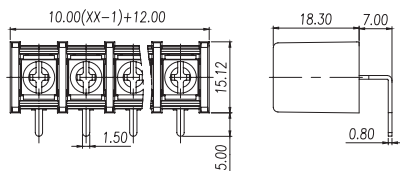
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100R-55RNXXBLB-01

Pitch / Poles : 10.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

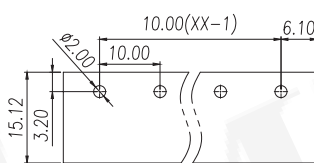
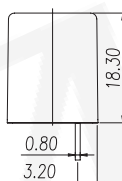
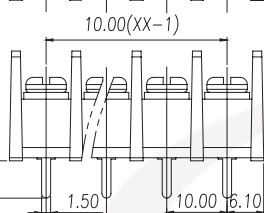
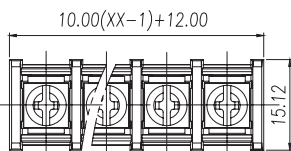
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-55HNXXBLB-W1

Pitch / Poles : 10.0 mm / 2P~12P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

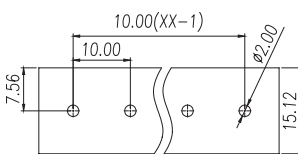
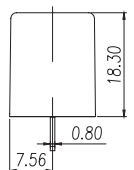
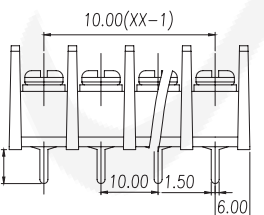
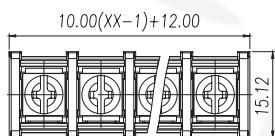
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-55CNXXBLB-01

Pitch / Poles : 10.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

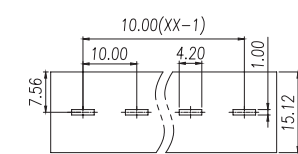
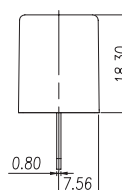
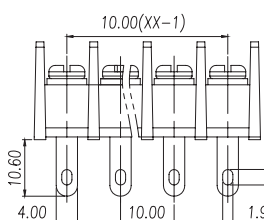
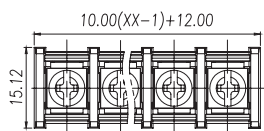
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-55SNXXBLX-01

Pitch / Poles : 10.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

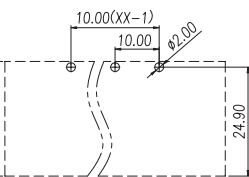
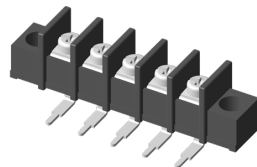
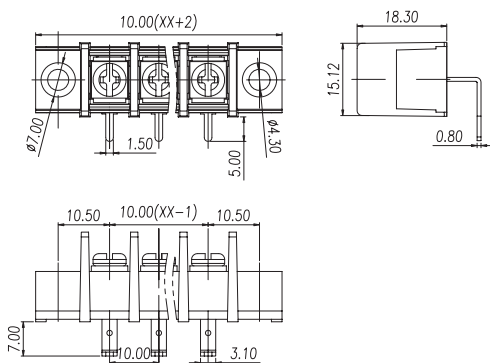
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100R-55REXXBLX-01

Pitch / Poles : 10.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

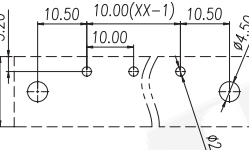
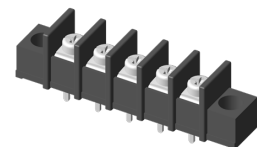
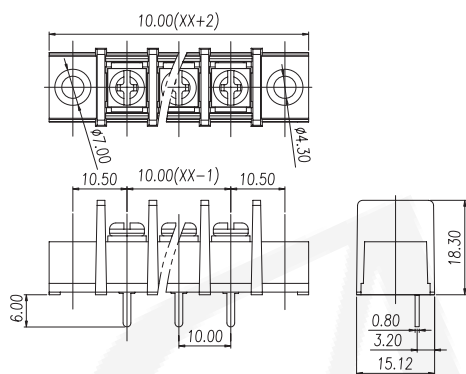
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-55HEXXBLX-01

Pitch / Poles : 10.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

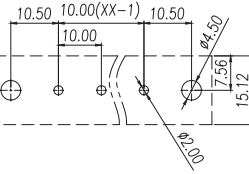
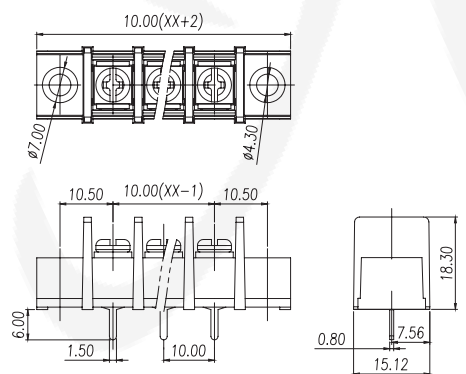
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-55CEXXBLX-01

Pitch / Poles : 10.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

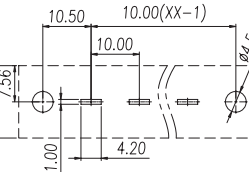
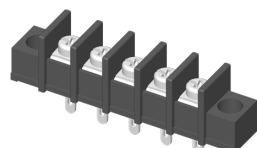
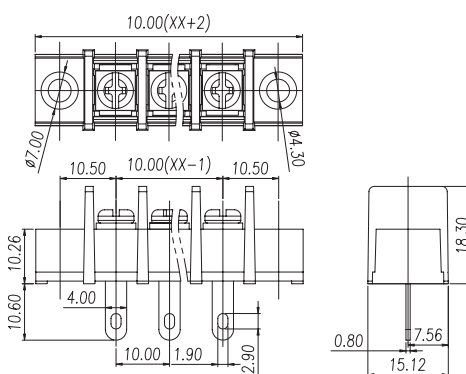
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-55SEXXBLB-01

Pitch / Poles : 10.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

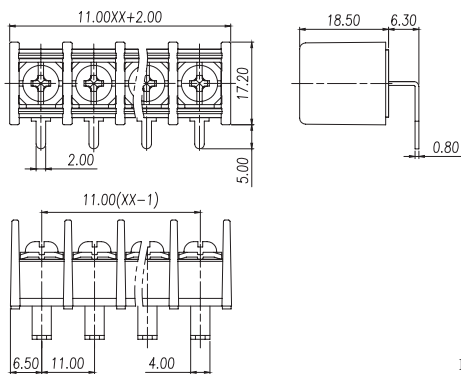
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110R-65RNXXBLX-01

Pitch / Poles : 11.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

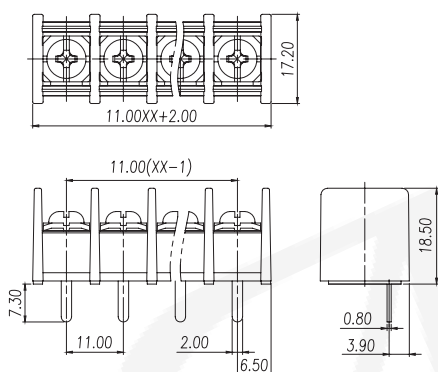
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-65SNXXBLX-01

Pitch / Poles : 11.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

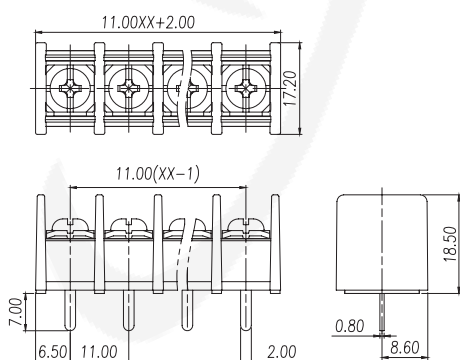
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-65CNXXBLB-01

Pitch / Poles : 11.0 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

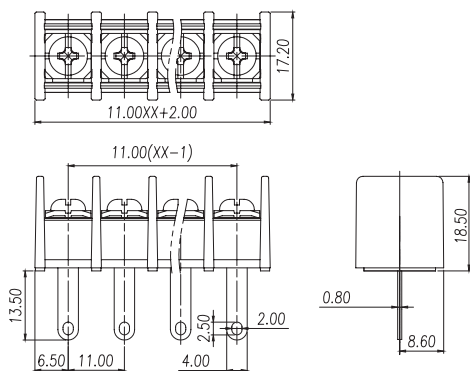
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-65HNXXBLX-01

Pitch / Poles : 11.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

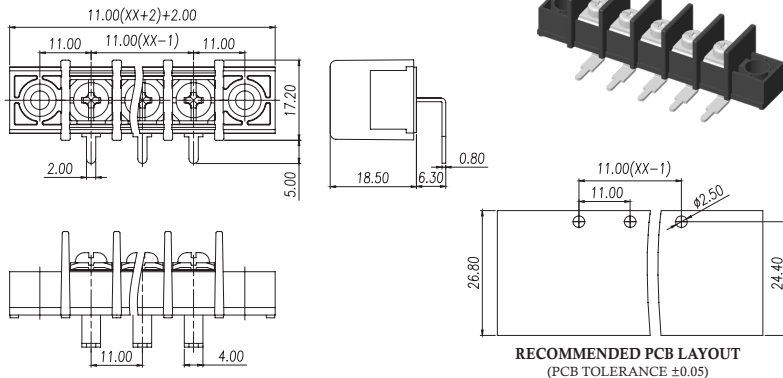
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110R-65REXXBLX-01

Pitch / Poles : 11.0 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

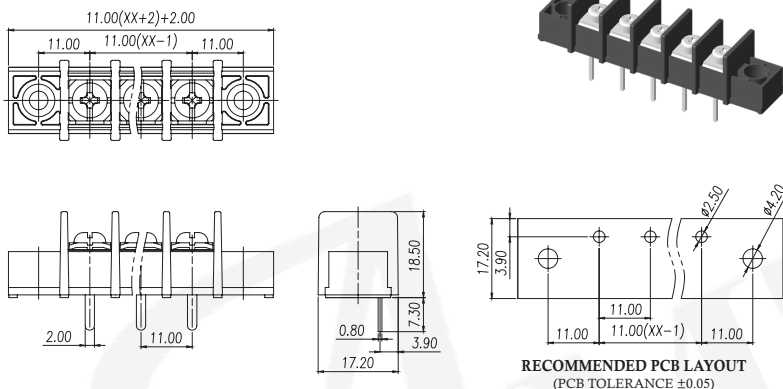
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-65SEXXXLX-01

Pitch / Poles : 11.0 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

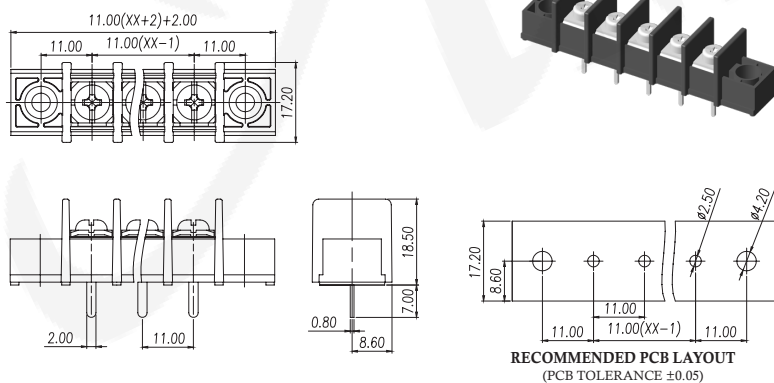
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-65CEXXBLX-01

Pitch / Poles : 11.0 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

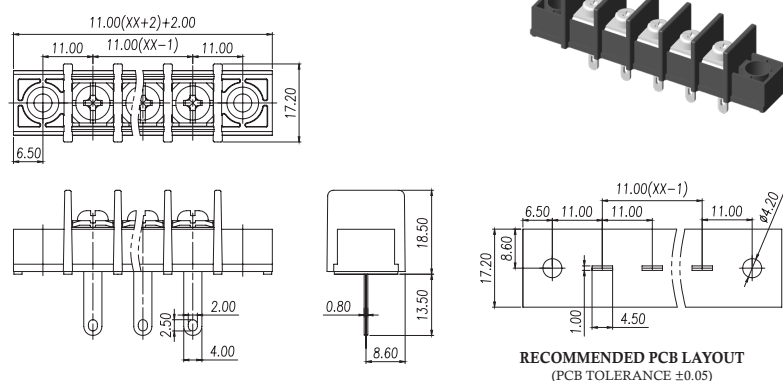
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-65HEXXBLB-01

Pitch / Poles : 11.0 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

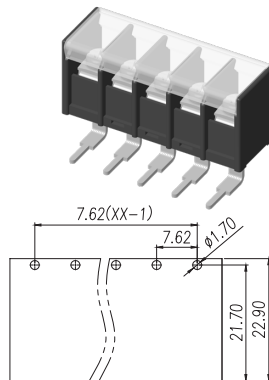
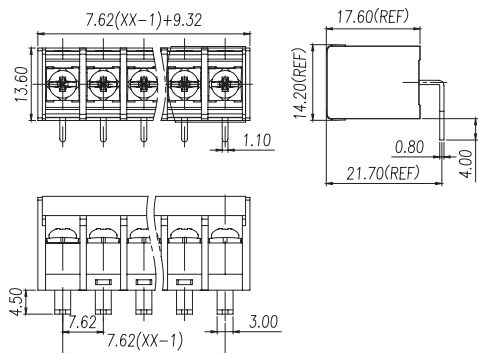
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB762R-28RNXXBLX-01

Pitch / Poles : 7.62 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

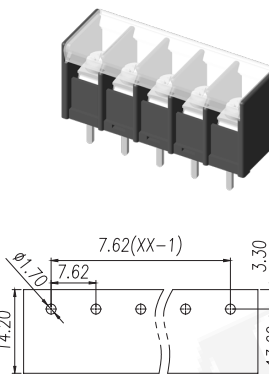
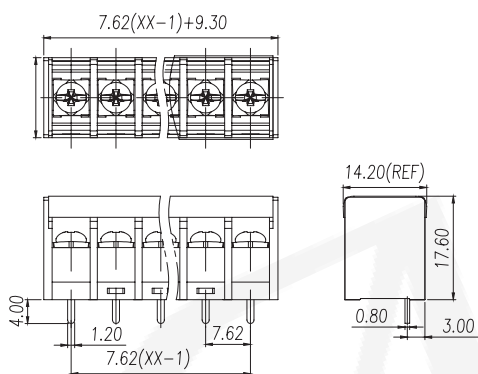
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	15A	24A
WIRE RANGE	22~14AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB762S-28SNXXBLX-01

Pitch / Poles : 7.62 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

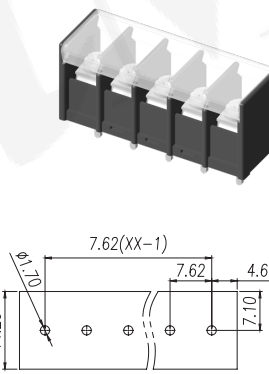
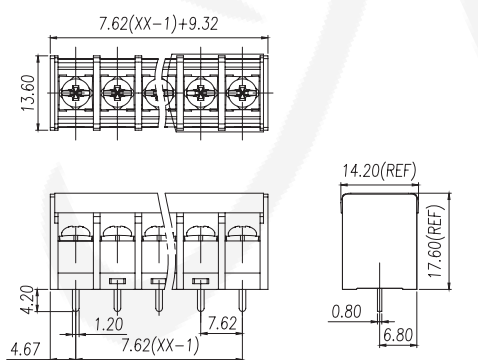
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	15A	24A
WIRE RANGE	22~14AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB762S-28CNXXBLX-01

Pitch / Poles : 7.62 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

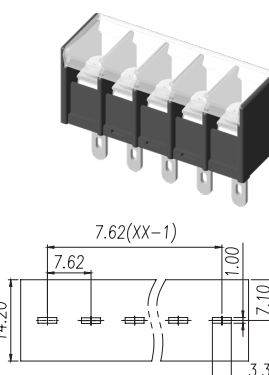
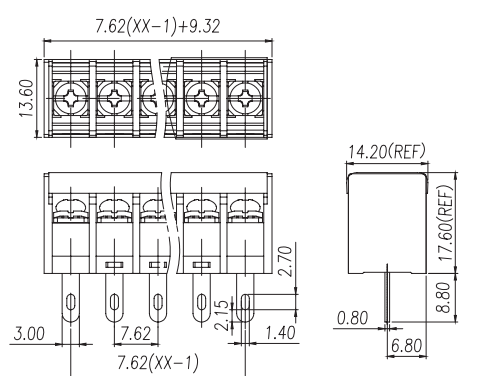
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	15A	24A
WIRE RANGE	22~14AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB762S-28HNXXBLX-01

Pitch / Poles : 7.62 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

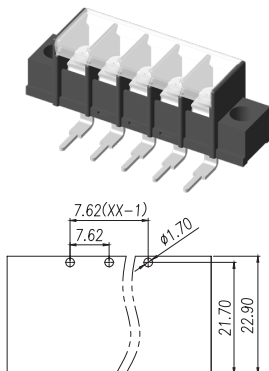
ELECTRICAL

STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	15A	24A
WIRE RANGE	22~14AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

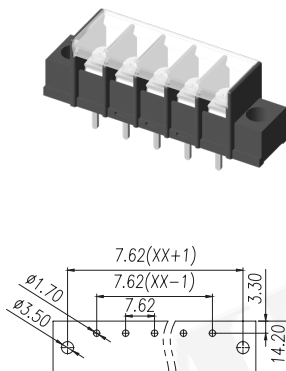
Pitch / Poles : 7.62 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION			
MATERIAL			
SCREW	M3.0 Steel Ni plated		
PIN HEADER	Copper alloy, Sn Plated		
HOUSING	PA66, UL94V-0		
ELECTRICAL			
STANDARD	UL	IEC	
RATED VOLTAGE	300V	400V	
RATED CURRENT	15A	24A	
WIRE RANGE	22~14AWG	2.5mm ²	
CONTACT RESISTANCE	20mΩ		
INSULATION RESISTANCE	500MΩ / DC500V		
WITHSTANDING VOLTAGE	AC2000V / 1Min		
MECHANICAL			
TEMP. RANGE	-40°C~-105°C		
TORQUE	5.10kaf-cm / 0.5Nm / 4.50Lbin		

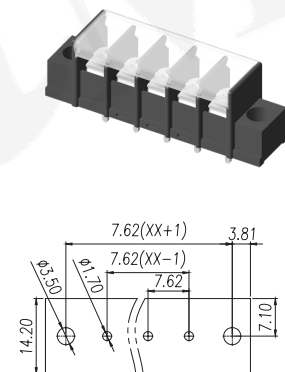
Pitch / Poles : 7.62 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION		C [®] UL [®]	
MATERIAL			
SCREW	M3.0 Steel Ni plated		
PIN HEADER	Copper alloy, Sn Plated		
HOUSING	PA66, UL94V-0		
ELECTRICAL			
STANDARD	UL	IEC	
RATED VOLTAGE	300V	400V	
RATED CURRENT	15A	24A	
WIRE RANGE	22~14AWG	2.5mm ²	
CONTACT RESISTANCE	20mΩ		
INSULATION RESISTANCE	500MQ / DC500V		
WITHSTANDING VOLTAGE	AC2000V / 1Min		
MECHANICAL			
TEMP. RANGE	-40°C~-105°C		
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin		

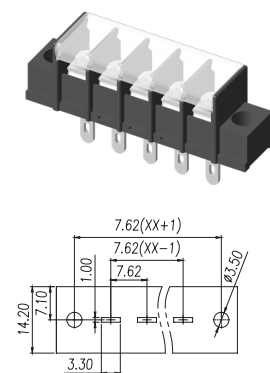
Pitch / Poles : 7.62 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION			
MATERIAL			
SCREW	M3.0 Steel Ni plated		
PIN HEADER	Copper alloy, Sn Plated		
HOUSING	PA66, UL94V-0		
ELECTRICAL			
STANDARD	UL	IEC	
RATED VOLTAGE	300V	400V	
RATED CURRENT	15A	24A	
WIRE RANGE	22~14AWG	2.5mm ²	
CONTACT RESISTANCE	20mΩ		
INSULATION RESISTANCE	500MQ / DC500V		
WITHSTANDING VOLTAGE	AC2000V / 1Min		
MECHANICAL			
TEMP. RANGE	-40°C~+105°C		
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin		

Pitch / Poles : 7.62 mm / 2P~26P

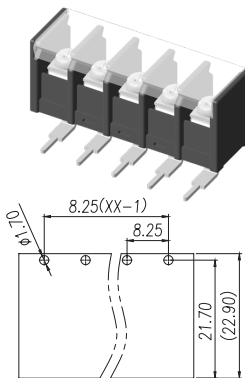
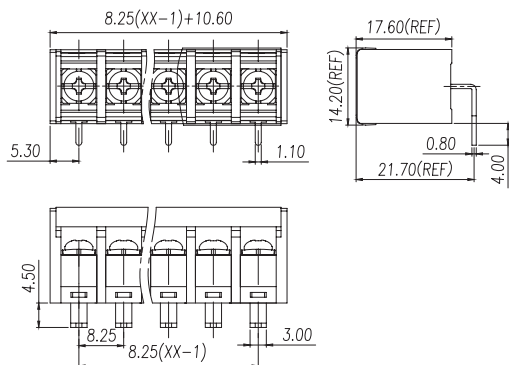


RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION			
MATERIAL			
SCREW	M3.0 Steel Ni plated		
PIN HEADER	Copper alloy, Sn Plated		
HOUSING	PA66, UL94V-0		
ELECTRICAL			
STANDARD	UL	IEC	
RATED VOLTAGE	300V	400V	
RATED CURRENT	15A	24A	
WIRE RANGE	22~14AWG	2.5mm ²	
CONTACT RESISTANCE	20mΩ		
INSULATION RESISTANCE	500MΩ / DC500V		
WITHSTANDING VOLTAGE	AC2000V / 1Min		
MECHANICAL			
TEMP. RANGE	-40°C~-+105°C		
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin		

5TB825R-38RNXXBLX-01

Pitch / Poles : 8.25 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

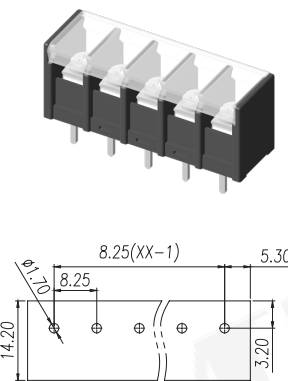
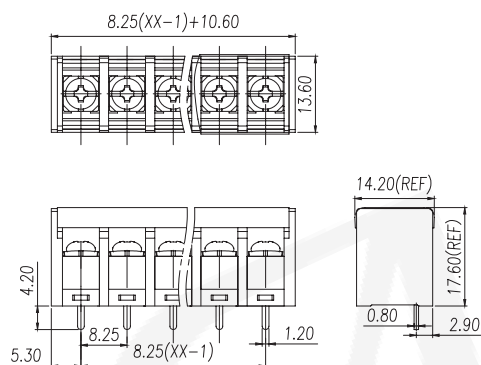
STANDARD	UL	IEC
RATED VOLTAGE	300V	320V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB825S-38SNXXBLX-01

Pitch / Poles : 8.25 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

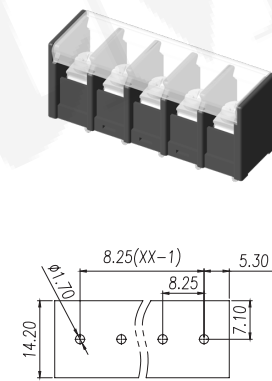
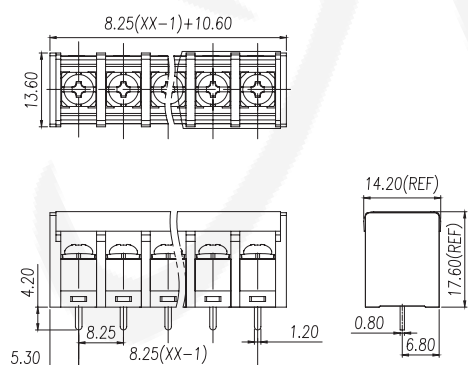
STANDARD	UL	IEC
RATED VOLTAGE	300V	320V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB825S-38CNXXBLX-01

Pitch / Poles : 8.25 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

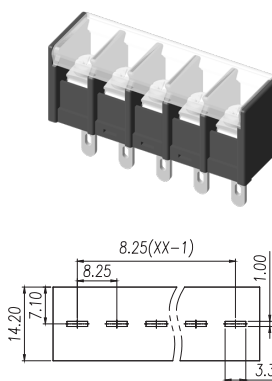
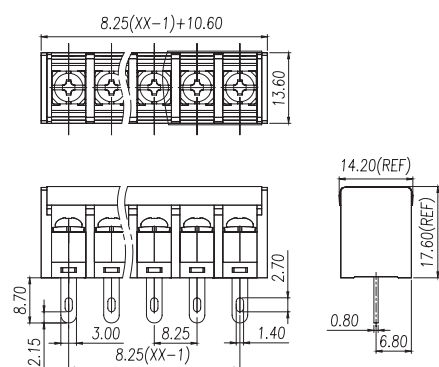
STANDARD	UL	IEC
RATED VOLTAGE	300V	320V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB825S-38HNXXBLX-01

Pitch / Poles : 8.25 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

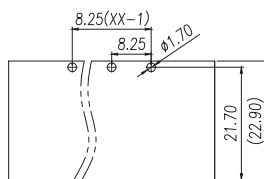
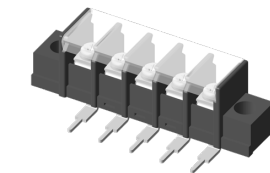
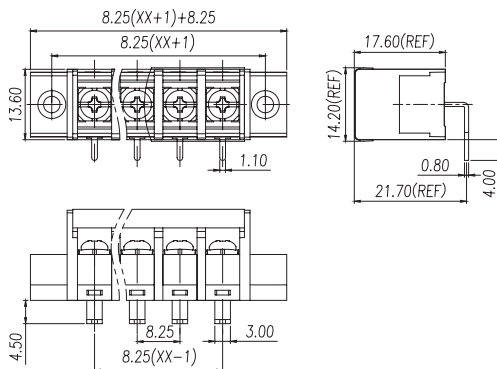
STANDARD	UL	IEC
RATED VOLTAGE	300V	320V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB825R-38REXXBLX-01

Pitch / Poles : 8.25 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

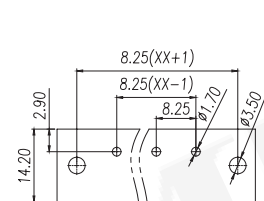
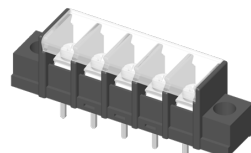
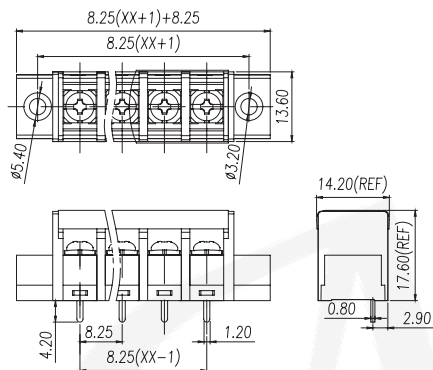
STANDARD	UL	IEC
RATED VOLTAGE	300V	320V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB825S-38SEXXBLX-01

Pitch / Poles : 8.25 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

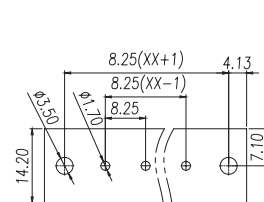
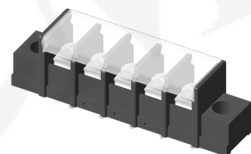
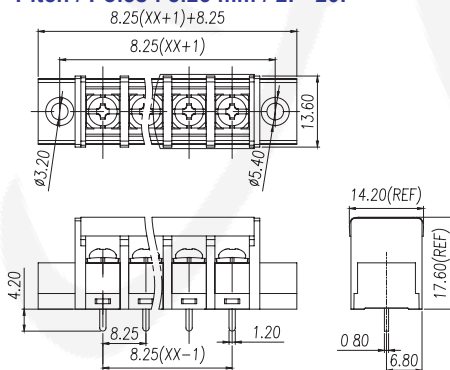
STANDARD	UL	IEC
RATED VOLTAGE	300V	320V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB825S-38CEXXBLX-01

Pitch / Poles : 8.25 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

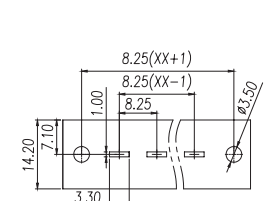
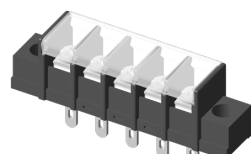
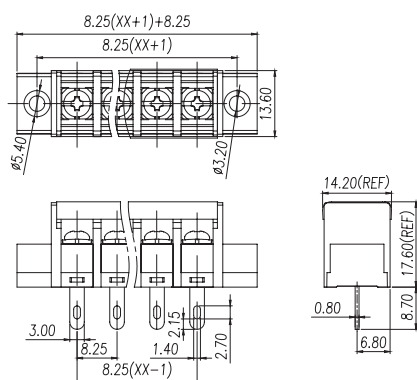
STANDARD	UL	IEC
RATED VOLTAGE	300V	320V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB825S-38HEXXBLX-01

Pitch / Poles : 8.25 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

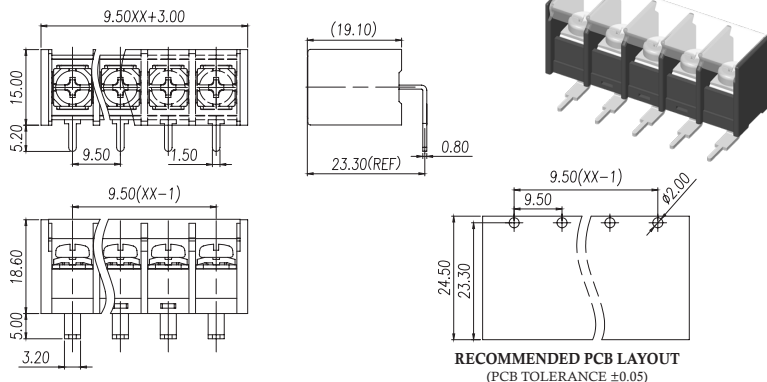
STANDARD	UL	IEC
RATED VOLTAGE	300V	320V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.10kgf-cm / 0.5Nm / 4.50Lbin	

5TB950R-48RNXXBLB-01

Pitch / Poles : 9.5 mm / 2P~22P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

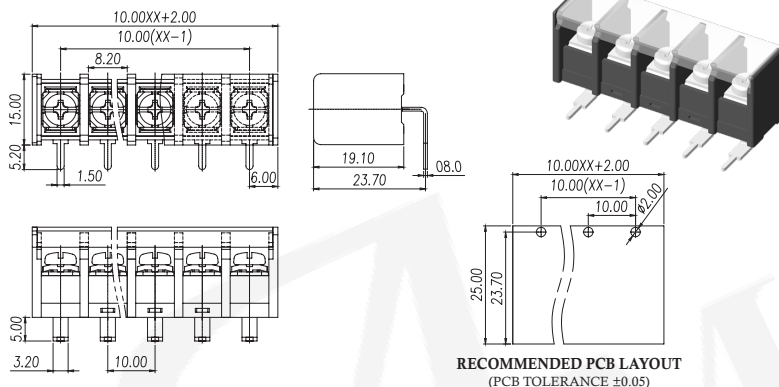
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100R-58RNXXBLB-01

Pitch / Poles : 10.0 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

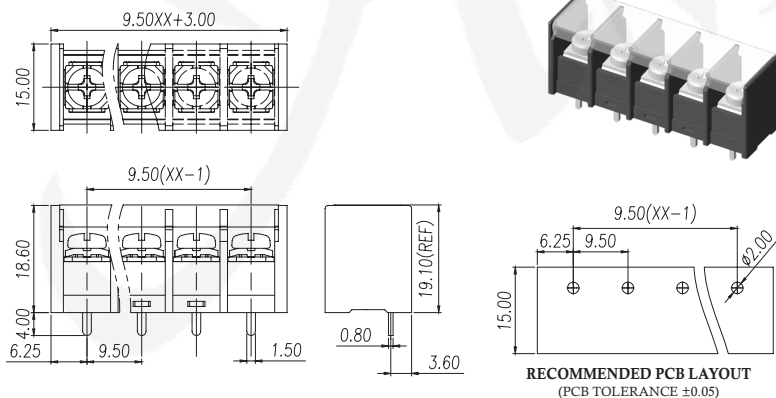
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-48SNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~22P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

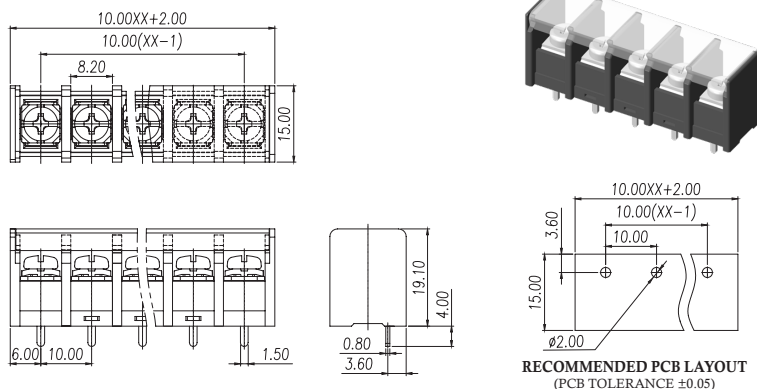
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-58SNXXBLX-01

Pitch / Poles : 10.0 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

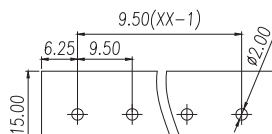
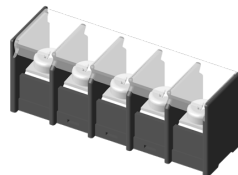
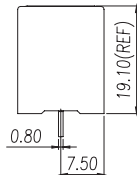
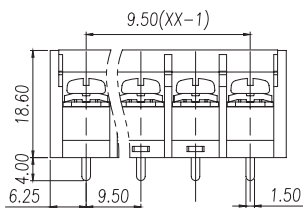
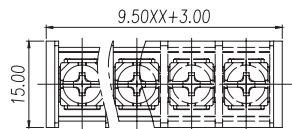
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-48CNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

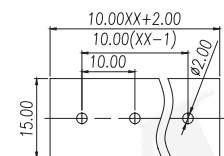
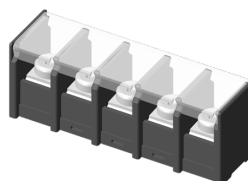
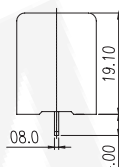
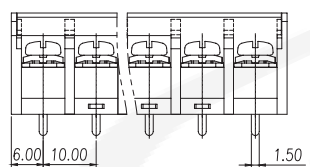
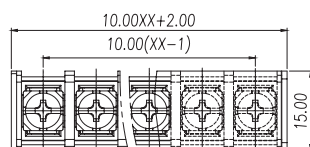
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RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-58CNXXBLX-01

Pitch / Poles : 10.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

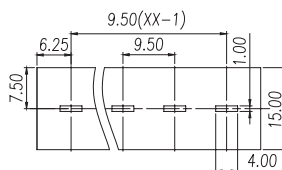
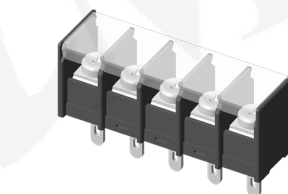
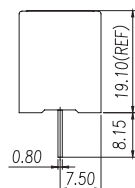
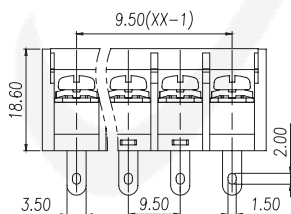
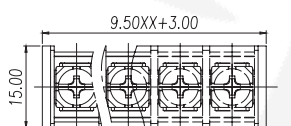
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-48HNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

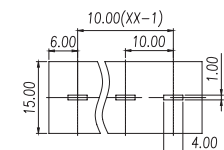
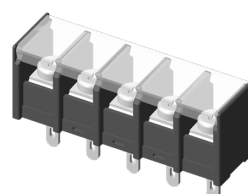
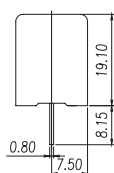
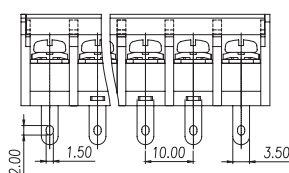
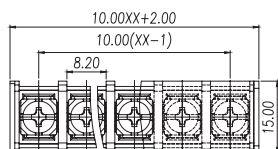
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-58HNXXBLX-01

Pitch / Poles : 10.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
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WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	



SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

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RATED VOLTAGE	300V	400V
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WITHSTANDING VOLTAGE	AC2000V / 1Min	

TEMP. RANGE	-40°C~+105°C
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin



SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

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WITHSTANDING VOLTAGE	AC2000V / 1Min	

TEMP. RANGE	-40°C~+105°C
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin



SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

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RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
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CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

TEMP. RANGE	-40°C~+105°C
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin



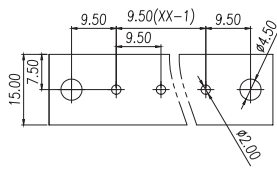
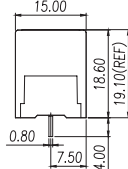
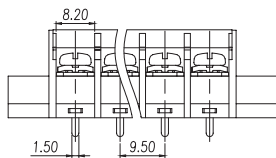
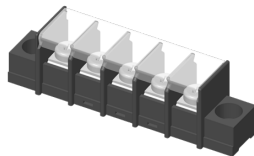
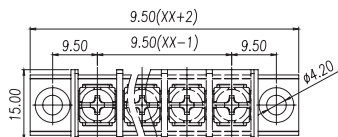
SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

TEMP. RANGE	-40°C~+105°C
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin

5TB950S-48CEXXBLX-01

Pitch / Poles : 9.5 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

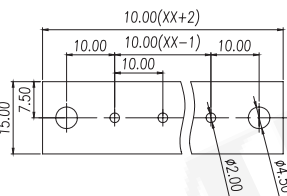
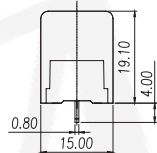
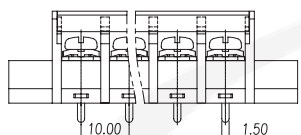
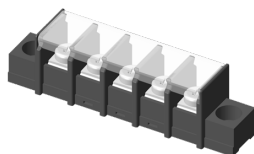
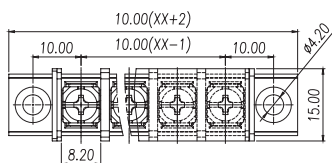
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-58CEXXBLB-XX

Pitch / Poles : 10.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

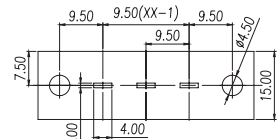
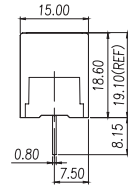
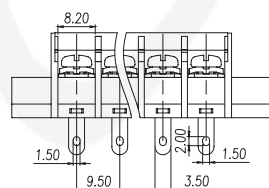
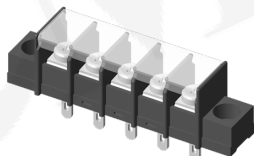
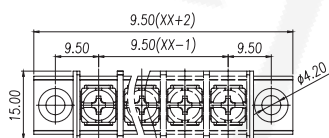
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RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-48HEXXBLX-01

Pitch / Poles : 9.5 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

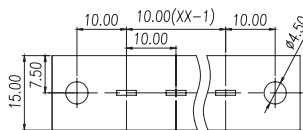
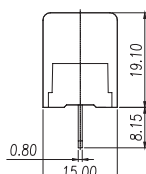
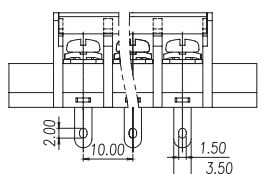
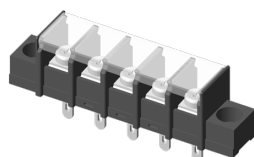
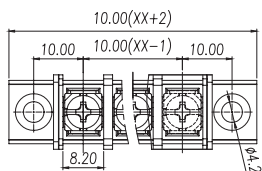
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100S-58MEXXBLX-01

Pitch / Poles : 10.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

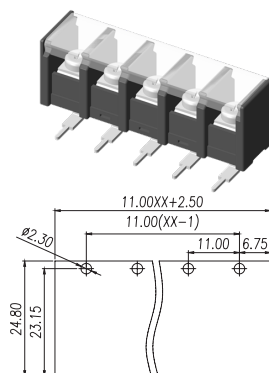
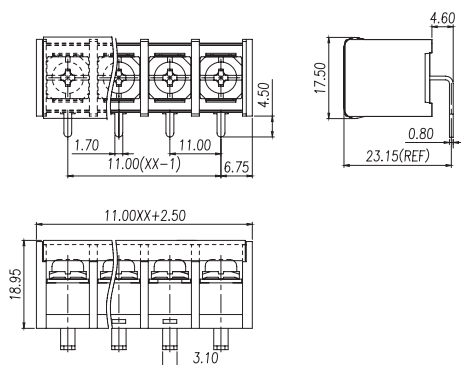
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110R-68RNXXBLX-01

Pitch / Poles : 11.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

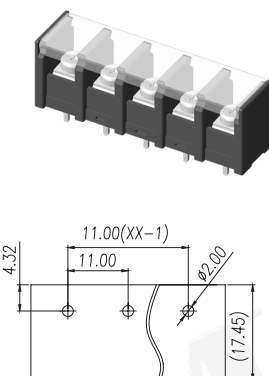
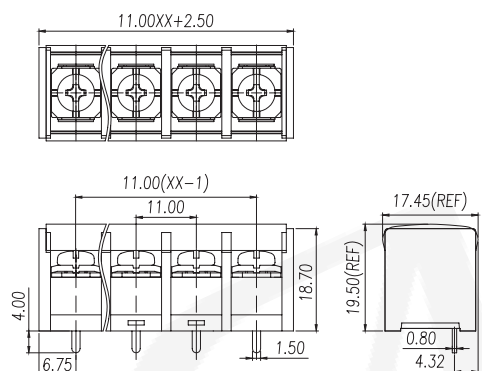
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RATED VOLTAGE	300V	500V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-68SNXXBLX-01

Pitch / Poles : 11.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

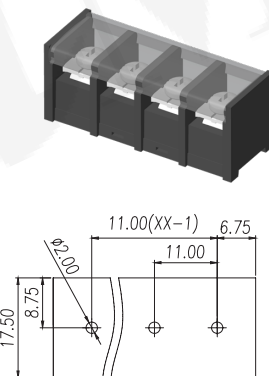
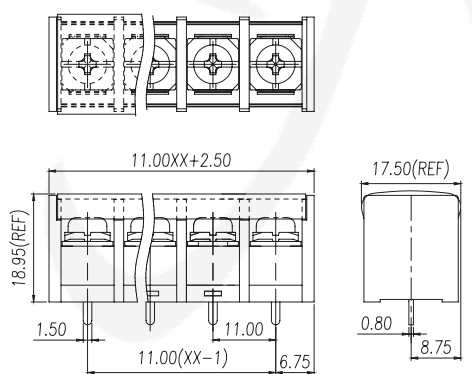
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-68CNXXBLB-W1

Pitch / Poles : 11.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

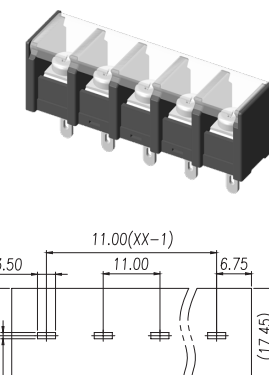
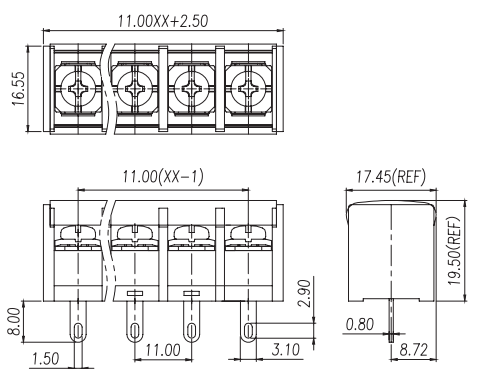
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-68HNXXBLX-01

Pitch / Poles : 11.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

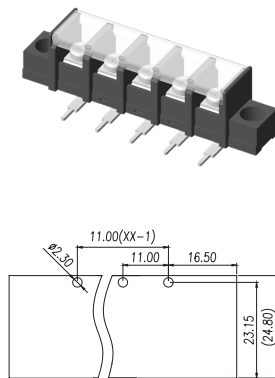
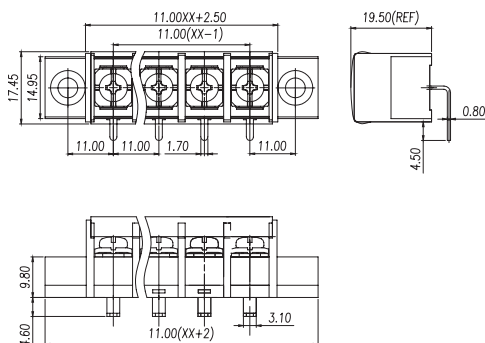
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110R-68MEXXBLX-01

Pitch / Poles : 11.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

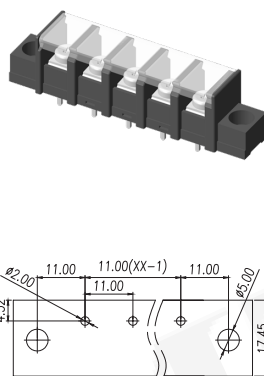
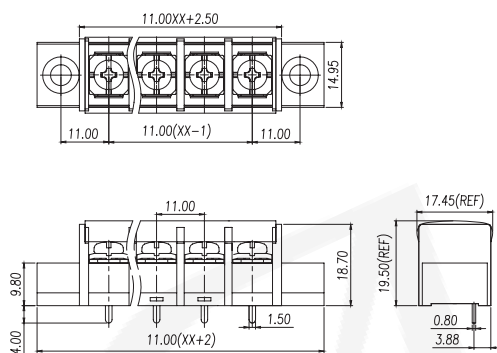
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-68SEXXBLX-01

Pitch / Poles : 11.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

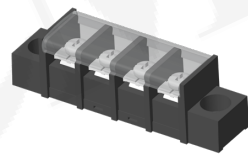
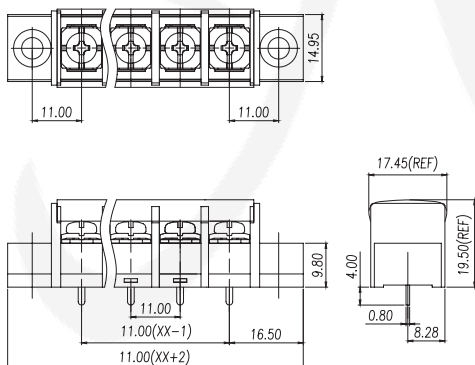
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-68CEXXXLX-01

Pitch / Poles : 11.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

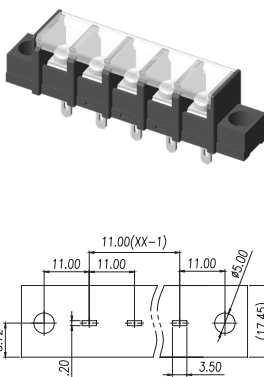
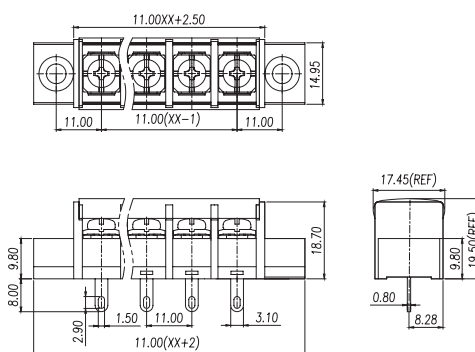
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110S-68MEXXBLX-01

Pitch / Poles : 11.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

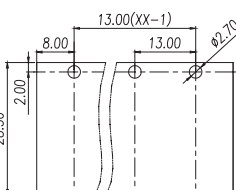
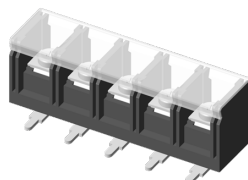
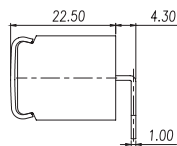
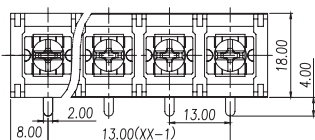
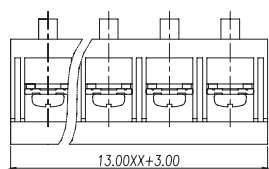
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB130R-78RNXXBLX-01

Pitch / Poles : 13.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

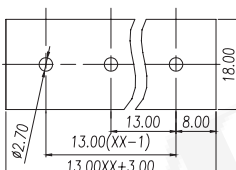
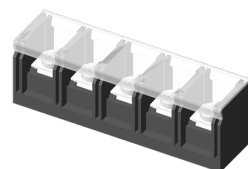
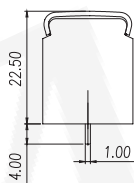
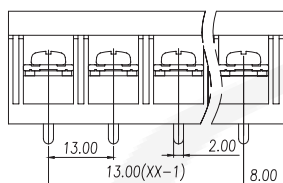
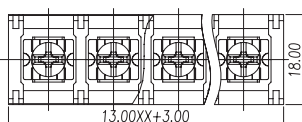
STANDARD	UL	IEC
RATED VOLTAGE	600V	630V
RATED CURRENT	40A	41A
WIRE RANGE	18~10AWG	6.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB130S-78CNXXBLX-01

Pitch / Poles : 13.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

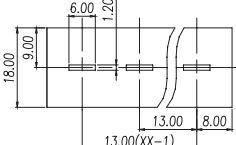
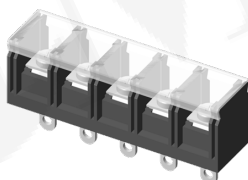
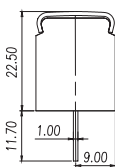
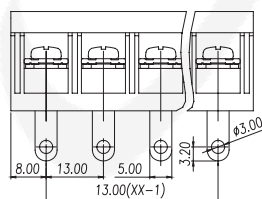
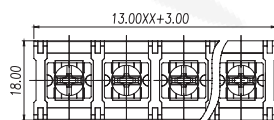
STANDARD	UL	IEC
RATED VOLTAGE	600V	630V
RATED CURRENT	40A	41A
WIRE RANGE	18~10AWG	6.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB130S-78HNXXBLX-01

Pitch / Poles : 13.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

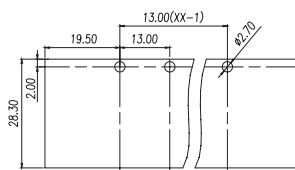
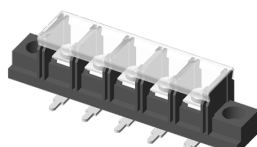
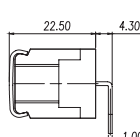
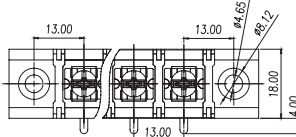
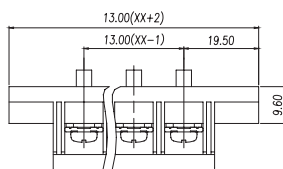
STANDARD	UL	IEC
RATED VOLTAGE	600V	630V
RATED CURRENT	40A	41A
WIRE RANGE	18~10AWG	6.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB130R-78REXXBLX-01

Pitch / Poles : 13.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

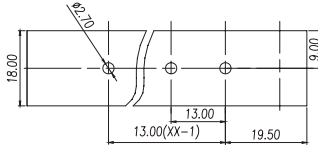
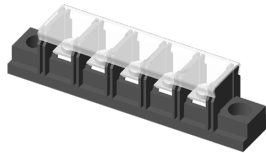
ELECTRICAL

STANDARD	UL	IEC
RATED VOLTAGE	600V	630V
RATED CURRENT	40A	41A
WIRE RANGE	18~10AWG	6.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

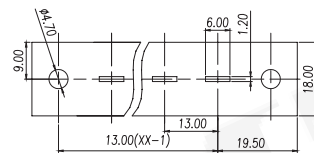
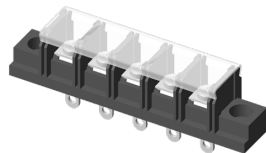
Pitch / Poles : 13.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

5TB130S-78HEXXBLX-01

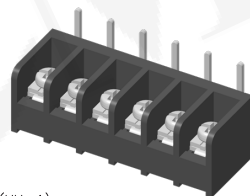
Pitch / Poles : 13.0 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

5TB635R-16RNXXBLX-01

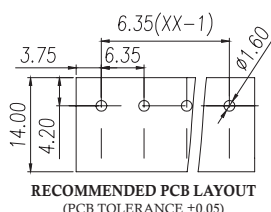
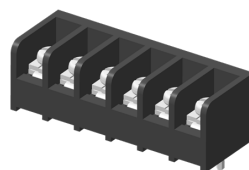
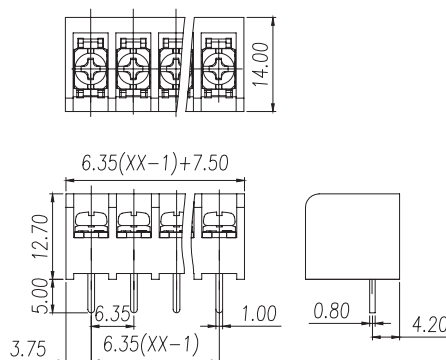
Pitch / Poles : 6.35 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

5TB635S-16SNXXBLB-01

Pitch / Poles : 6.35 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION





MATERIAL

SCREW

M3.0 Steel Ni plated

PIN HEADER

Copper alloy, Sn Plated

HOUSING

PA66, UL94V-0

ELECTRICAL

STANDARD

UL

IEC

RATED VOLTAGE

300V

250V

RATED CURRENT

10A

17.5A

WIRE RANGE

22~16AWG

1.5mm²

CONTACT RESISTANCE

20mΩ

INSULATION RESISTANCE

500MΩ / DC500V

WITHSTANDING VOLTAGE

AC2000V / 1Min

MECHANICAL

TEMP. RANGE

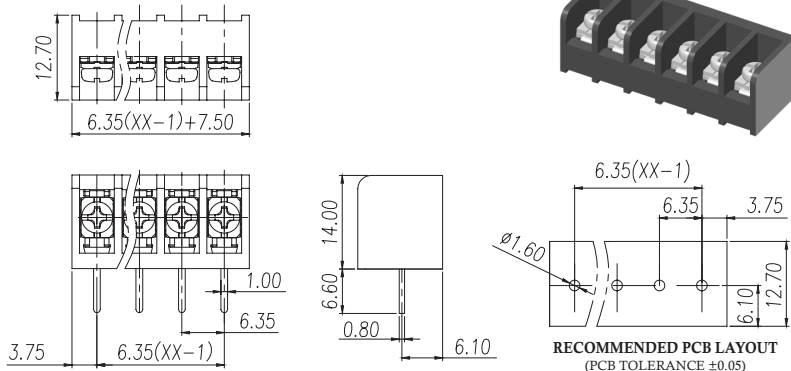
-40°C~-+105°C

TORQUE

5.1kgf-cm / 0.5Nm / 4.43LbIn

5TB635R-16ANXXBLX-01

Pitch / Poles : 6.35 mm / 2P~26P



CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

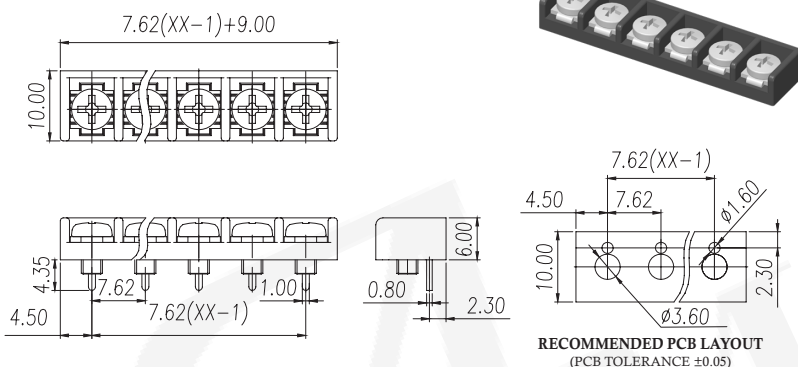
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	10A	17.5A
WIRE RANGE	22~16AWG	1.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin	

5TB762S-J06NXXBLX-01

Pitch / Poles : 7.62 mm / 2P~22P



CERTIFICATION

MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

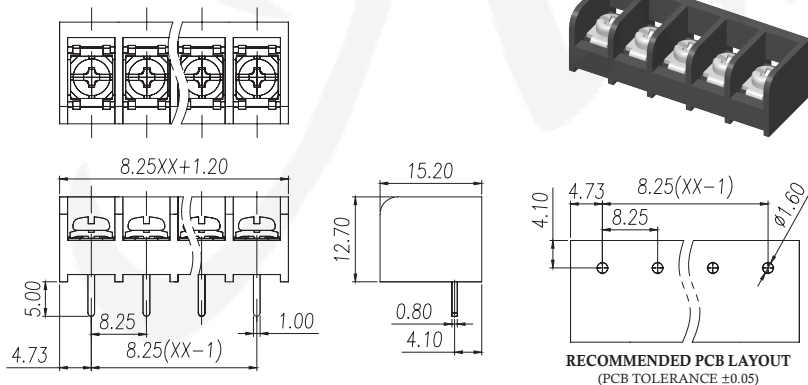
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	15A	24A
WIRE RANGE	22~14AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

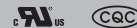
TEMP. RANGE	-40°C~+105°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin	

5TB825S-36SNXXBLX-01

Pitch / Poles : 8.25 mm / 2P~26P



CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

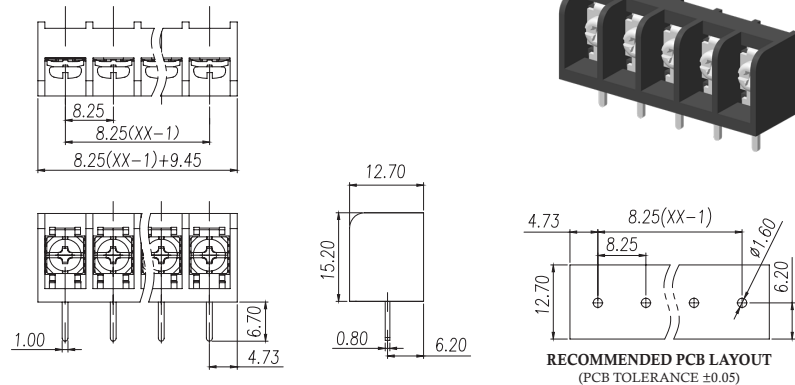
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~14AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin	

5TB825R-36ANXXBLX-01

Pitch / Poles : 8.25 mm / 2P~26P



CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

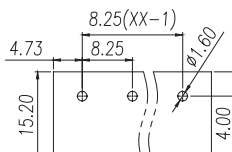
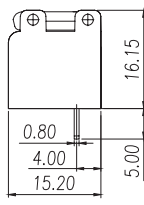
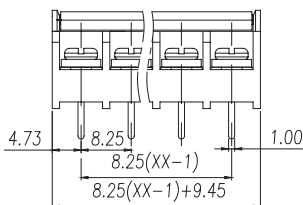
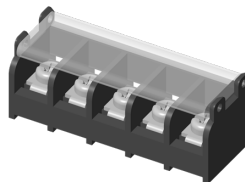
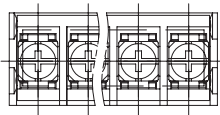
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin	

5TB825S-36GNXXBLB-01

Pitch / Poles : 8.25 mm / 2P~10P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

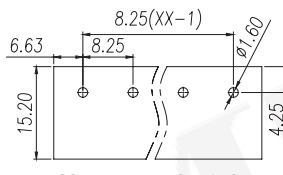
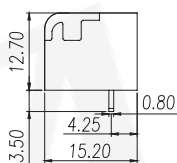
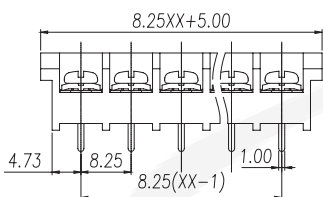
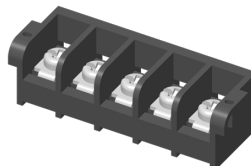
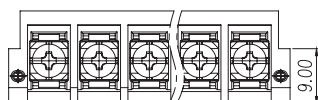
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin	

5TB825S-3SGNXXBLX-01

Pitch / Poles : 8.25 mm / 05, 07, 08, 09P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

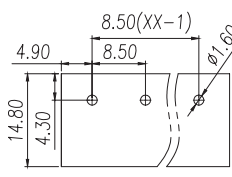
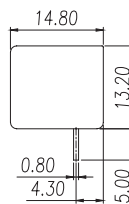
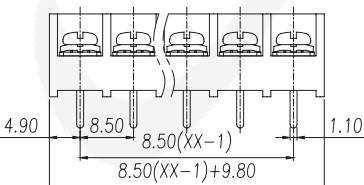
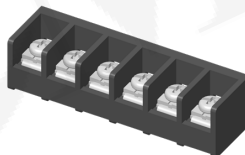
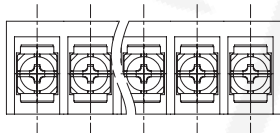
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin	

5TB850S-J26NXXBLX-01

Pitch / Poles : 8.5 mm / 2P~26P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION

MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

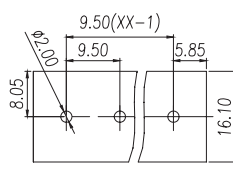
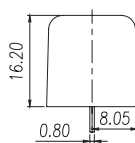
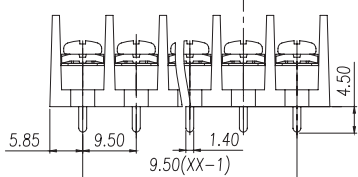
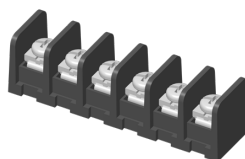
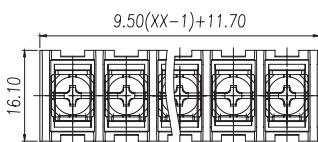
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin	

5TB950S-45XNXXXLX-W1

Pitch / Poles : 9.5 mm / 2P~22P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

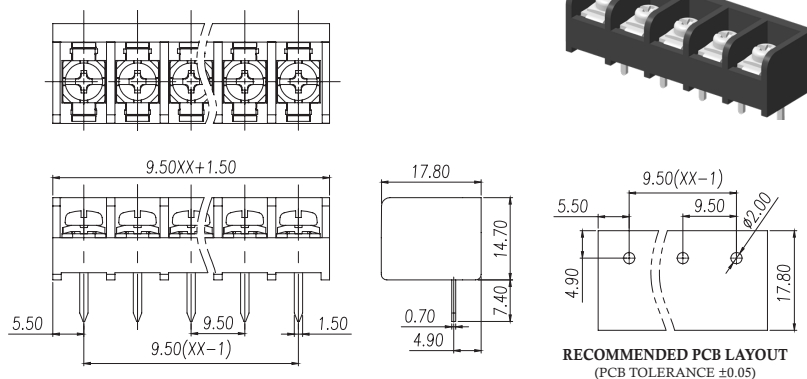
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20m Ω	
INSULATION RESISTANCE	500M Ω / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-46SNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~20P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

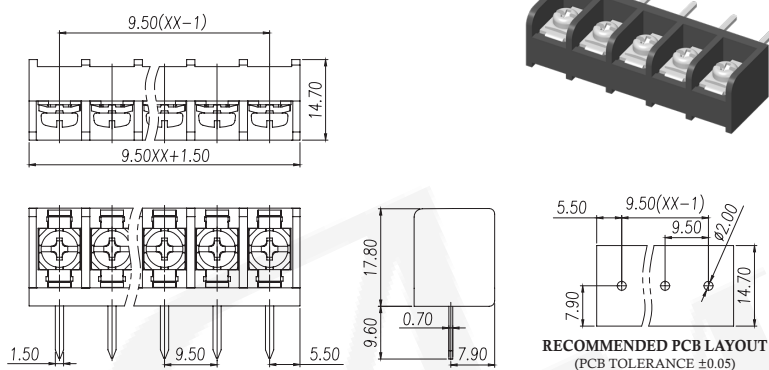
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~10AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950R-46ANXXBLX-01

Pitch / Poles : 9.5 mm / 2P~26P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

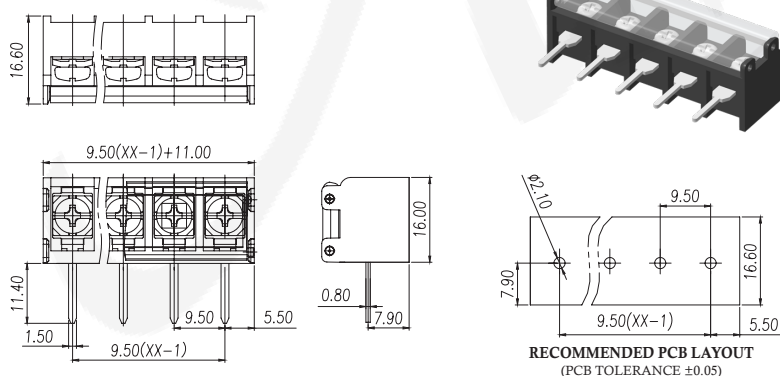
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950R-46GNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~12P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

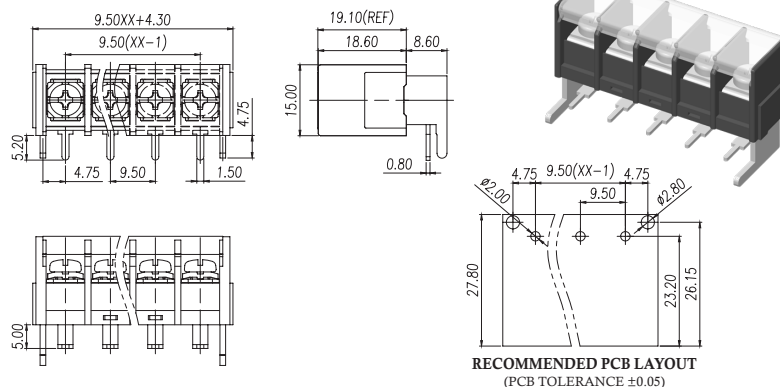
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950R-48WNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~22P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

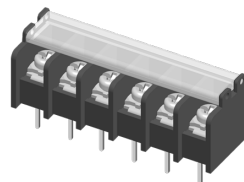
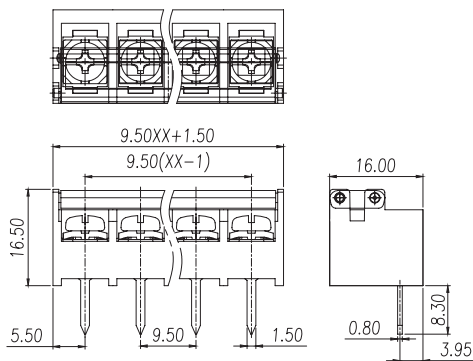
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

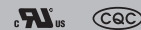
5TB950S-46XNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~9P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

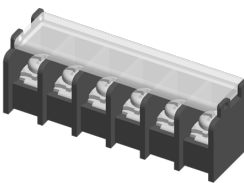
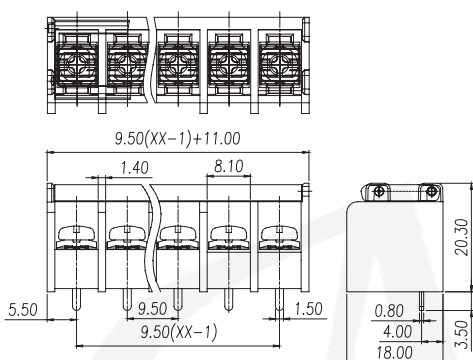
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-6GGNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~12P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

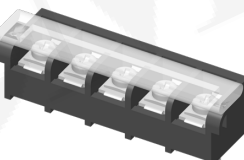
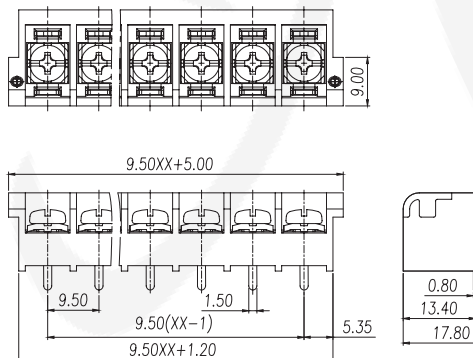
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-4SGNXXBLX-01

Pitch / Poles : 9.5 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

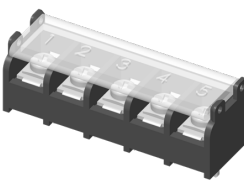
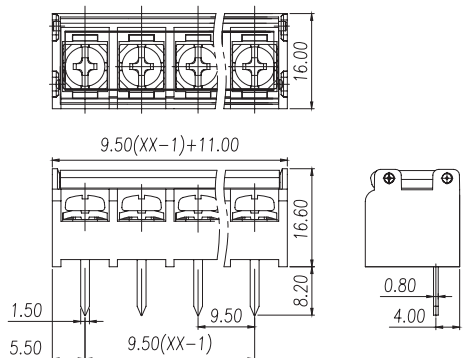
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB950S-46GNXXXLB-01

Pitch / Poles : 9.5 mm / 2P~12P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

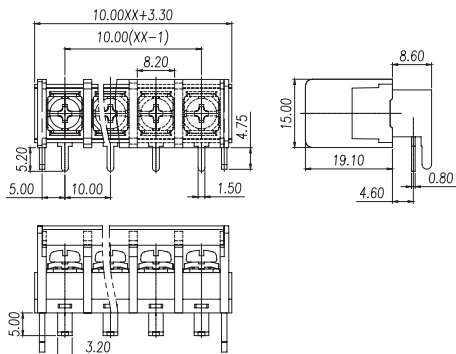
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB100R-58WNXXBLX-01

Pitch / Poles : 10.0 mm / 2P~24P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

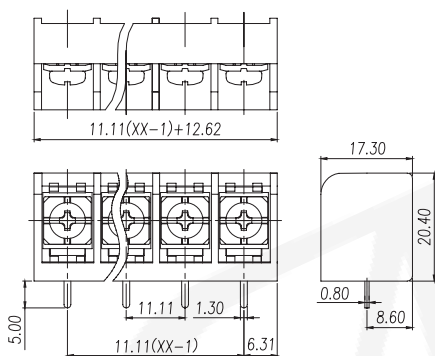
STANDARD	UL	IEC
RATED VOLTAGE	300V	400V
RATED CURRENT	20A	24A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB111R-66ANXXBLX-01

Pitch / Poles : 11.1 mm / 2P~23P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

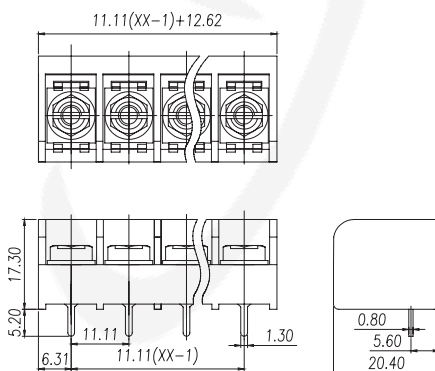
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	30A	32A
WIRE RANGE	22~10AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB111S-66SNXXBLX-01

Pitch / Poles : 11.1 mm / 2P~23P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

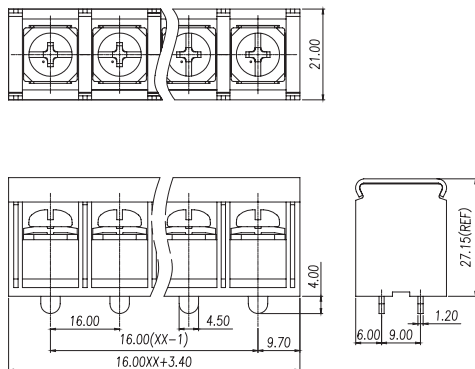
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	30A	32A
WIRE RANGE	22~10AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB160S-J88NXXXLX-01

Pitch / Poles : 16.0 mm / 2P~16P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M6.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

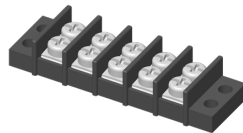
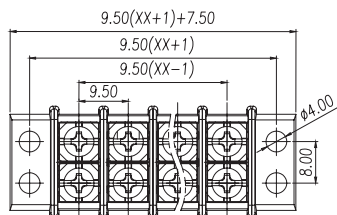
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	100A
WIRE RANGE	14~3AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	500MΩ / DC500V
WITHSTANDING VOLTAGE	AC2200V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	26Lbin (30kgf.cm)

5TB950N-J49EXXBLB-01

Pitch / Poles : 9.5 mm / 2P~24P



CERTIFICATION



MATERIAL

SCREW	M3.5 Steel Ni plated
PIN HEADER	Copper alloy, Ni Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

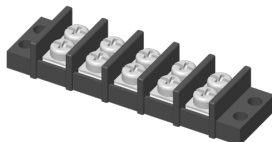
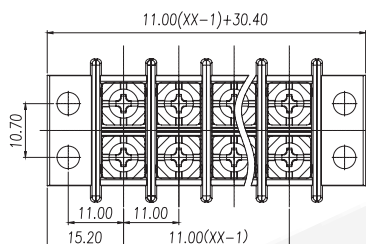
STANDARD	UL	IEC
RATED VOLTAGE	300V	250V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

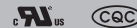
TEMP. RANGE	-40°C~+105°C	
TORQUE	8.16kgf-cm / 0.8Nm / 7.0Lbin	

5TB110N-69MEXXBLX-W1

Pitch / Poles : 11.0 mm / 2P~26P



CERTIFICATION



MATERIAL

SCREW	M3.5 Steel Ni plated
PIN HEADER	Copper alloy, Ni Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

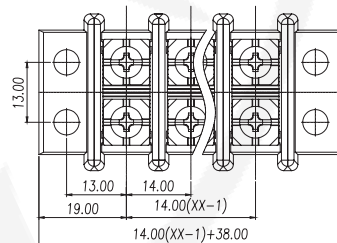
STANDARD	UL	IEC
RATED VOLTAGE	300V	500V
RATED CURRENT	25A	32A
WIRE RANGE	22~12AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

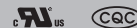
TEMP. RANGE	-40°C~+105°C	
TORQUE	8.16kgf-cm / 0.8Nm / 7.0Lbin	

5TB140N-89MEXXBLB-W1

Pitch / Poles : 14.0 mm / 2P~22P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Ni Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

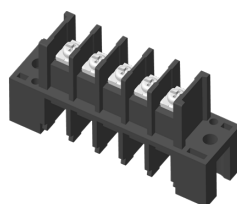
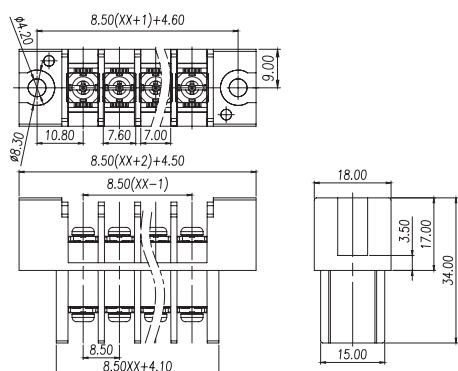
STANDARD	UL	IEC
RATED VOLTAGE	600V	500V
RATED CURRENT	30A	41A
WIRE RANGE	22~10AWG	6.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	8.16kgf-cm / 0.8Nm / 7.0Lbin	

5TB850N-J10EXXXLX-01

Pitch / Poles : 8.5 mm / 2P~15P



CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

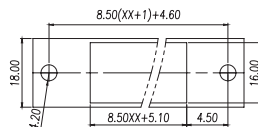
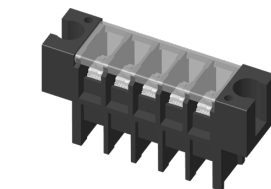
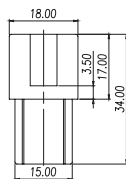
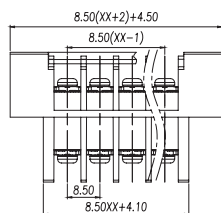
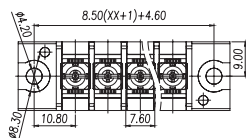
STANDARD	UL
RATED VOLTAGE	300V
RATED CURRENT	20A
WIRE RANGE	22~12AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	500MΩ / DC500V
WITHSTANDING VOLTAGE	AC2000V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C	
TORQUE	10.2kgf-cm / 1.0Nm / 8.5Lbin	

5TB850N-10CEXXBLB-01

Pitch / Poles : 8.5 mm / 2P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

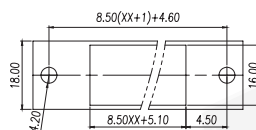
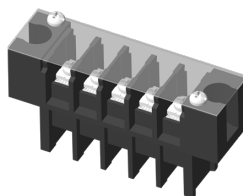
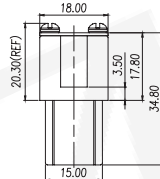
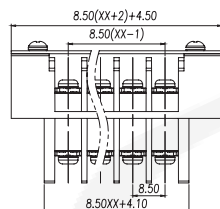
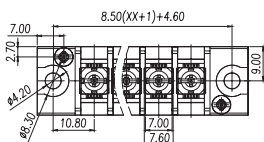
STANDARD	UL
RATED VOLTAGE	300V
RATED CURRENT	20A
WIRE RANGE	22~12AWG
CONTACT RESISTANCE	20m Ω
INSULATION RESISTANCE	500M Ω / DC500V
WITHSTANDING VOLTAGE	AC2000V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	10.2kgf-cm / 1.0Nm / 8.85Lbin

5TB850N-J10EXXXLX-03

Pitch / Poles : 8.5 mm / 2P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

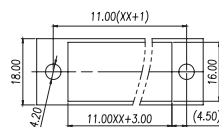
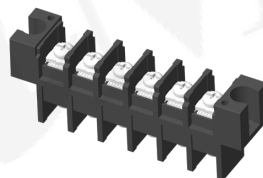
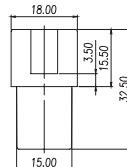
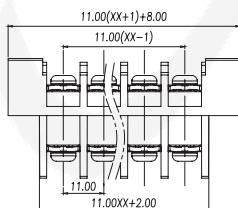
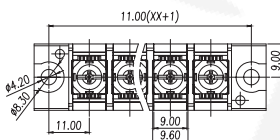
STANDARD	UL
RATED VOLTAGE	300V
RATED CURRENT	20A
WIRE RANGE	22~12AWG
CONTACT RESISTANCE	20m Ω
INSULATION RESISTANCE	500M Ω / DC500V
WITHSTANDING VOLTAGE	AC2000V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	10.2kgf-cm / 1.0Nm / 8.85Lbin

5TB110N-J10EXXXLX-01

Pitch / Poles : 11.0 mm / 2P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

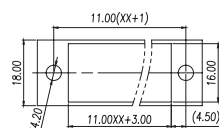
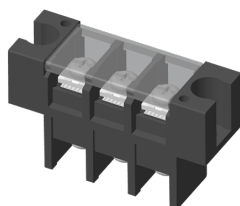
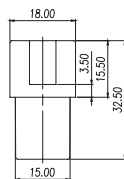
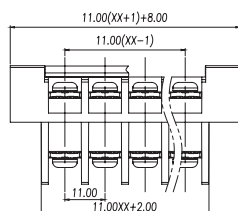
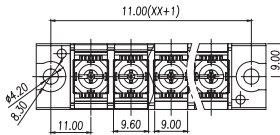
STANDARD	UL
RATED VOLTAGE	300V
RATED CURRENT	30A
WIRE RANGE	22~10AWG
CONTACT RESISTANCE	20m Ω
INSULATION RESISTANCE	500M Ω / DC500V
WITHSTANDING VOLTAGE	AC2000V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	18.35kgf-cm / 1.8Nm / 15.9Lbin

5TB110N-J10EXXXLX-02

Pitch / Poles : 11.0 mm / 2P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

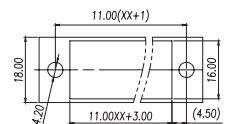
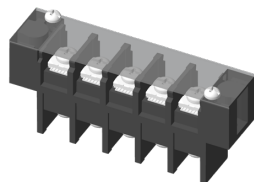
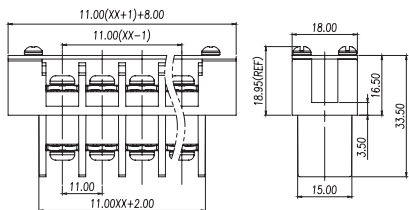
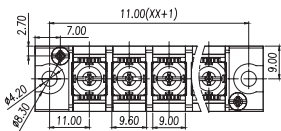
STANDARD	UL
RATED VOLTAGE	300V
RATED CURRENT	30A
WIRE RANGE	22~10AWG
CONTACT RESISTANCE	20m Ω
INSULATION RESISTANCE	500M Ω / DC500V
WITHSTANDING VOLTAGE	AC2000V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	18.35kgf-cm / 1.8Nm / 15.9Lbin

5TB110N-J10EXXXLX-03

Pitch / Poles : 11.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

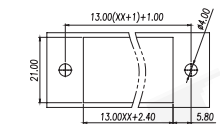
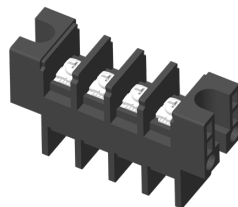
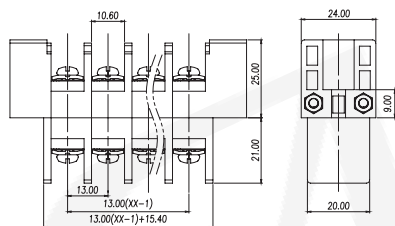
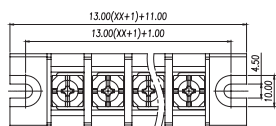
STANDARD	UL
RATED VOLTAGE	300V
RATED CURRENT	30A
WIRE RANGE	22~10AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	500MΩ / DC500V
WITHSTANDING VOLTAGE	AC2000V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	18.35kgf-cm / 1.8Nm / 15.9Lbin

5TB130N-J10EXXXLX-01

Pitch / Poles : 13.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

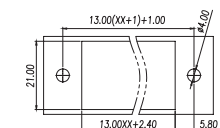
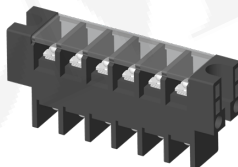
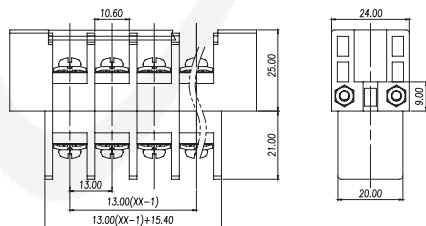
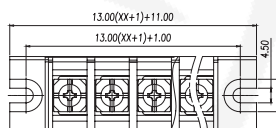
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	50A
WIRE RANGE	22~8AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	1000MΩ / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin

5TB130N-J10EXXXLX-02

Pitch / Poles : 13.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

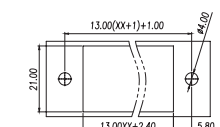
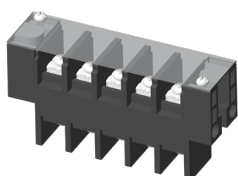
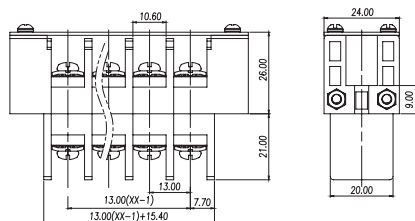
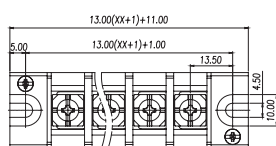
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	50A
WIRE RANGE	22~8AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	1000MΩ / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin

5TB130N-J10EXXXLX-03

Pitch / Poles : 13.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

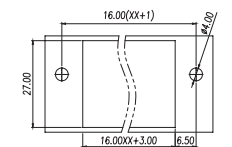
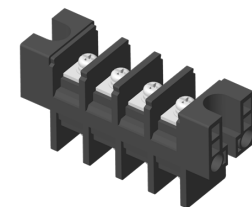
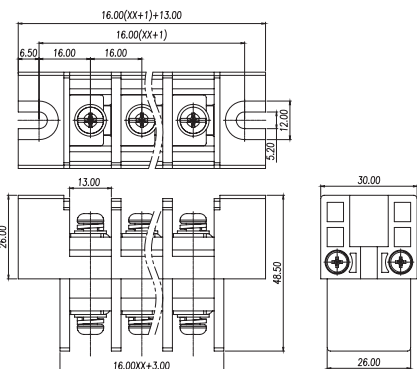
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	50A
WIRE RANGE	22~8AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	1000MΩ / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin

5TB160N-J10EXXXLX-01

Pitch : 16.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M5.0 Steel En plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

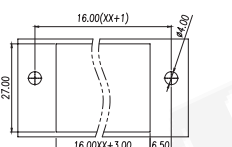
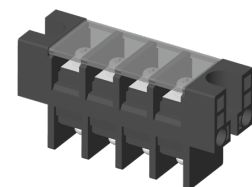
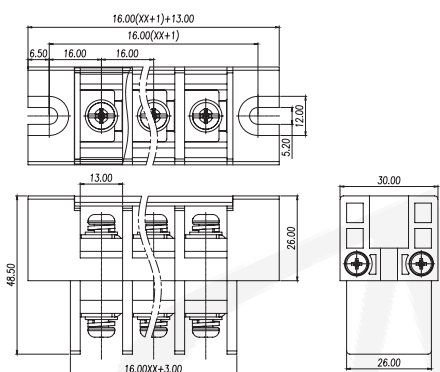
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	65A
WIRE RANGE	14~6AWG
CONTACT RESISTANCE	20m Ω
INSULATION RESISTANCE	1000M Ω / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	25.5kgf-cm / 2.5Nm / 22.1Lbin

5TB160N-J10EXXXLX-02

Pitch : 16.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M5.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

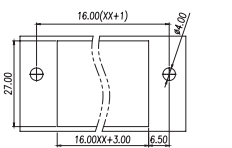
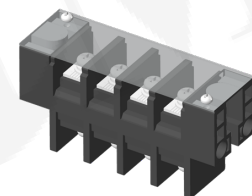
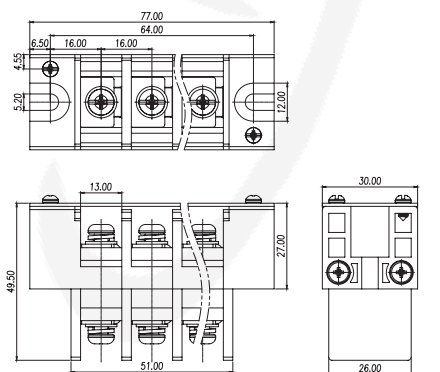
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	65A
WIRE RANGE	14~6AWG
CONTACT RESISTANCE	20m Ω
INSULATION RESISTANCE	1000M Ω / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	25.5kgf-cm / 2.5Nm / 22.1Lbin

5TB160N-J10EXXXLX-03

Pitch : 16.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M5.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

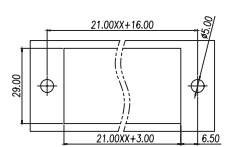
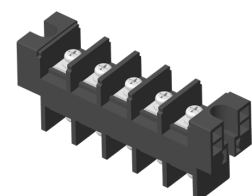
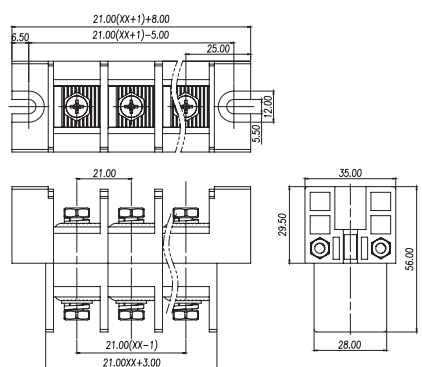
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	65A
WIRE RANGE	14~6AWG
CONTACT RESISTANCE	20m Ω
INSULATION RESISTANCE	1000M Ω / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	25.5kgf-cm / 2.5Nm / 22.1Lbin

5TB210N-J10EXXBLX-01

Pitch : 21.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M6.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

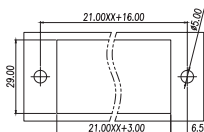
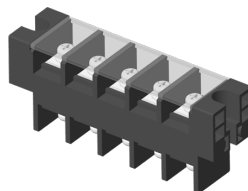
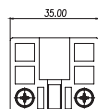
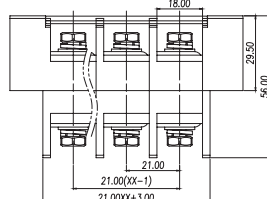
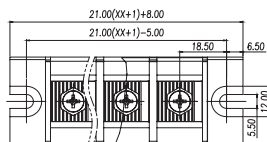
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	115A
WIRE RANGE	8~2AWG
CONTACT RESISTANCE	20m Ω
INSULATION RESISTANCE	1000M Ω / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	30.6kgf-cm / 3.0Nm / 26.6Lbin

5TB210N-J10EXXBLX-02

Pitch / Poles : 21.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M6.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

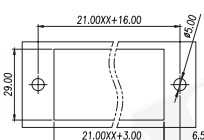
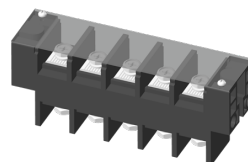
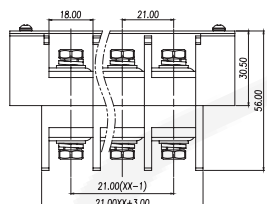
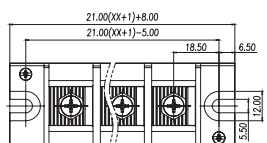
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	115A
WIRE RANGE	8~2AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	1000MΩ / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	30.6kgf-cm / 3.0Nm / 26.6Lbin

5TB210N-J10EXXBLX-03

Pitch / Poles : 21.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M6.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

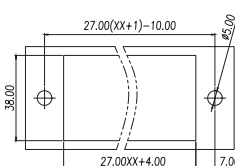
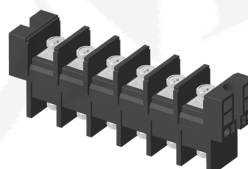
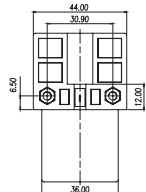
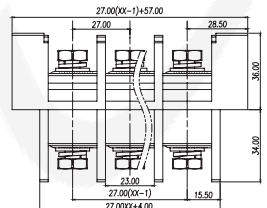
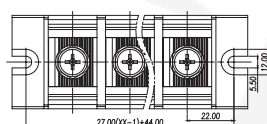
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	115A
WIRE RANGE	8~2AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	1000MΩ / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	30.6kgf-cm / 3.0Nm / 26.6Lbin

5TB270N-J10EXXBLX-01

Pitch / Poles : 27.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M8.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

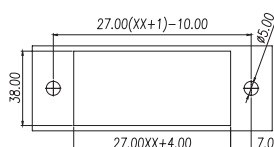
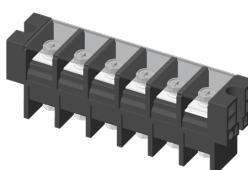
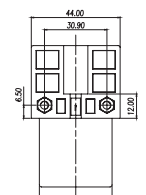
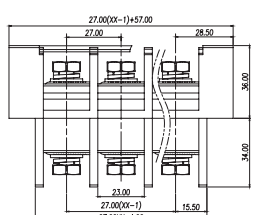
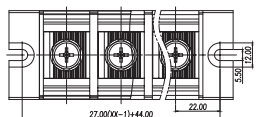
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	170A
WIRE RANGE	10~2/0AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	1000MΩ / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	61.2kgf-cm / 6.0Nm / 53.1Lbin

5TB270N-J10EXXBLX-02

Pitch / Poles : 27.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

CERTIFICATION



MATERIAL

SCREW	M8.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

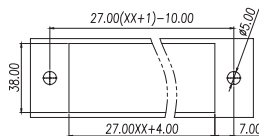
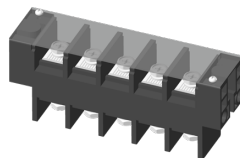
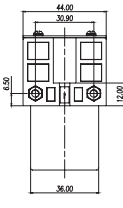
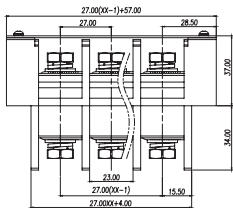
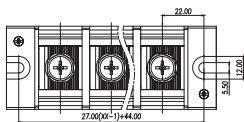
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	170A
WIRE RANGE	10~2/0AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	1000MΩ / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	61.2kgf-cm / 6.0Nm / 53.1Lbin

5TB270N-J10EXXBLX-03

Pitch : 27.0 mm / 1P~15P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M8.0 Steel Zn plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

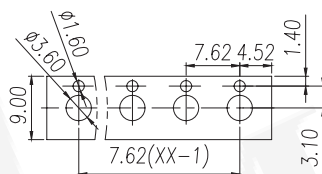
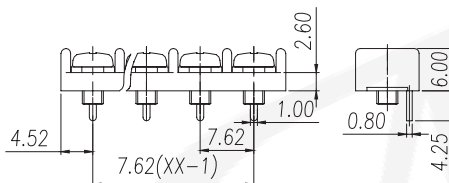
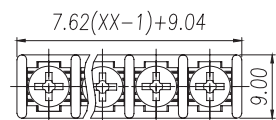
STANDARD	UL
RATED VOLTAGE	600V
RATED CURRENT	170A
WIRE RANGE	10~2/0AWG
CONTACT RESISTANCE	20mΩ
INSULATION RESISTANCE	1000MΩ / DC500V
WITHSTANDING VOLTAGE	AC2500V / 1Min

MECHANICAL

TEMP. RANGE	-40°C~+130°C
TORQUE	61.2kgf-cm / 6.0Nm / 53.1Lbin

5TB762S-620NXXBLX-01

Pitch : 7.62 mm / 2P~20P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION

MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

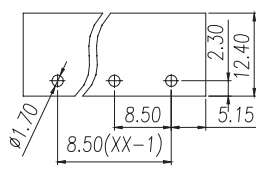
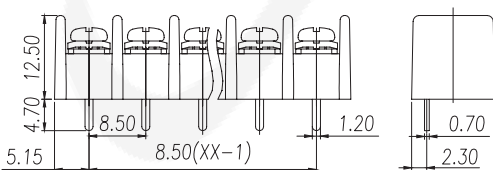
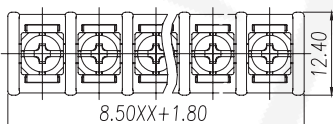
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	15A	17.5A
WIRE RANGE	22~14AWG	1.5mm²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500mΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin

5TB850S-CZ8NXXXLX-01

Pitch : 8.5 mm / 2P~25P



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Sn Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

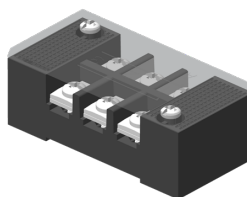
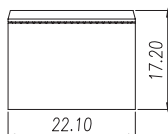
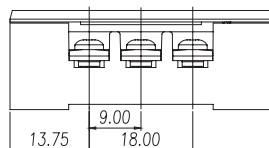
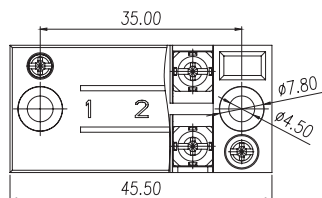
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	15A	17.5A
WIRE RANGE	22~14AWG	1.5mm²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C
TORQUE	5.1kgf-cm / 0.5Nm / 4.43Lbin

5TB900N-TB1EXXXLX-01

Pitch : 9.0 mm / 3P



CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Ni Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

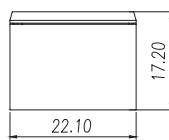
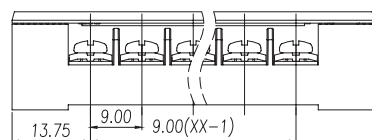
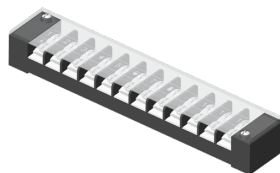
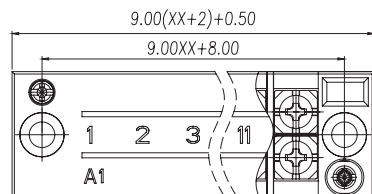
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC1600V / 1Min	

MECHANICAL

TEMP. RANGE	-30°C~+120°C
TORQUE	5.1kgf-cm / 0.5Nm / 4.3Lbin

5TB900N-TD5EXXXLX-01

Pitch / Poles : 9.0 mm / 03, 04, 06, 12P



CERTIFICATION



MATERIAL

SCREW	M3.0 Steel Ni plated
PIN HEADER	Copper alloy, Ni Plated
HOUSING	PBT, UL94V-0

ELECTRICAL

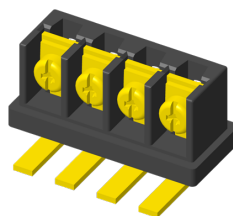
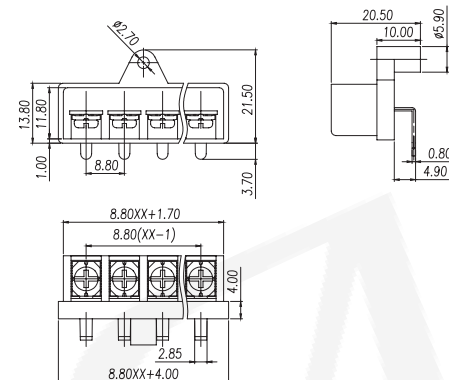
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	20A	32A
WIRE RANGE	22~12 AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC1600V / 1Min	

MECHANICAL

TEMP. RANGE	-30°C~+120°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.3Lbin	

5TB088R-EM4NXXBLX-01

Pitch / Poles : 8.8 mm / 03~04P



CERTIFICATION

MATERIAL

SCREW	M3.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

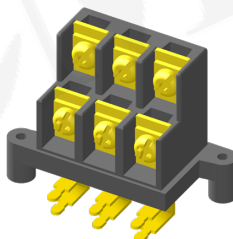
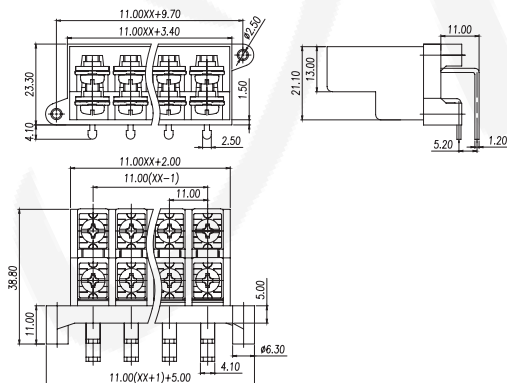
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	15A	24A
WIRE RANGE	22~14AWG	2.5mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	5.1kgf-cm / 0.5Nm / 4.43bin	

5TB110R-M21EXXXLX-01

Pitch / Poles : 11.0 mm / 06~08P



CERTIFICATION

MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

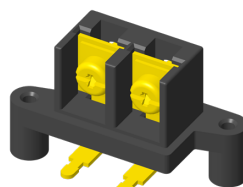
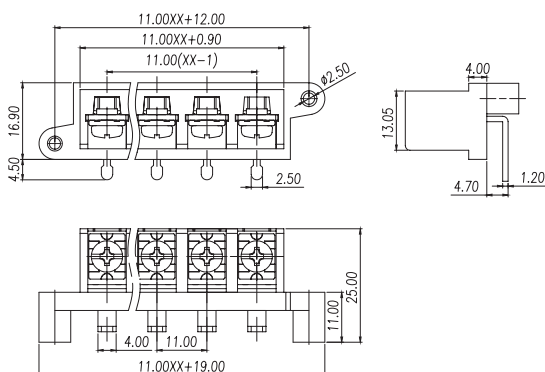
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	30A	32A
WIRE RANGE	22~10AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110R-EM1EXXBLX-01

Pitch / Poles : 11.0 mm / 02~04P



CERTIFICATION

MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

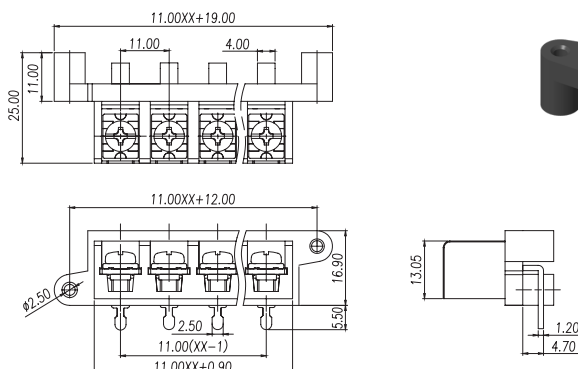
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110R-EMAEXXBLX-01

Pitch : 11.0 mm / 02~04P



CERTIFICATION

MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

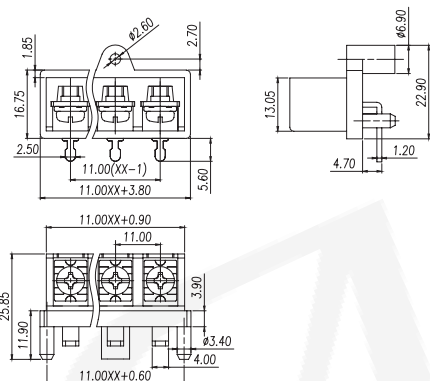
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110R-EM2NXXBLX-01

Pitch : 11.0 mm / 02~04P



CERTIFICATION

MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

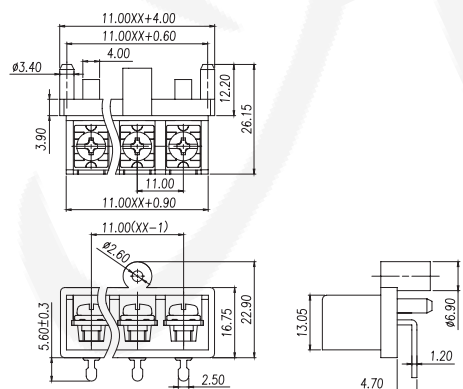
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB110R-EMANXXBLX-01

Pitch : 11.0 mm / 02~04P



CERTIFICATION

MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

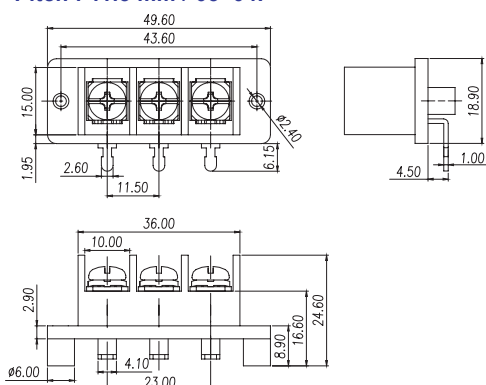
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	20A	32A
WIRE RANGE	22~12AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB115R-EM3E03BLX-01

Pitch : 11.5 mm / 03~04P



CERTIFICATION

CCC

MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

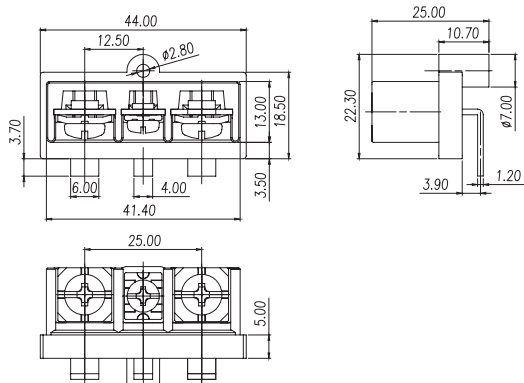
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	30A	35A
WIRE RANGE	22~12AWG	6.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB125R-EM5N03BLX-01

Pitch / Poles : 12.5 mm / 3P



CERTIFICATION

MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

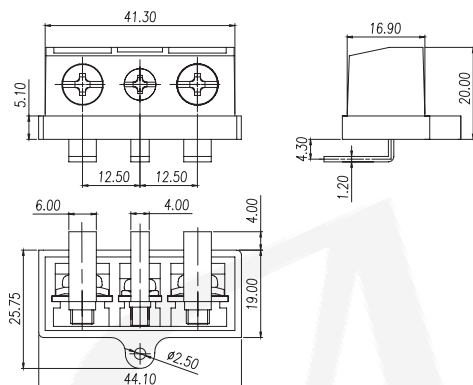
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	30A	32A
WIRE RANGE	22~10AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB125R-EMHN03BLX-01

Pitch / Poles : 12.5 mm / 3P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

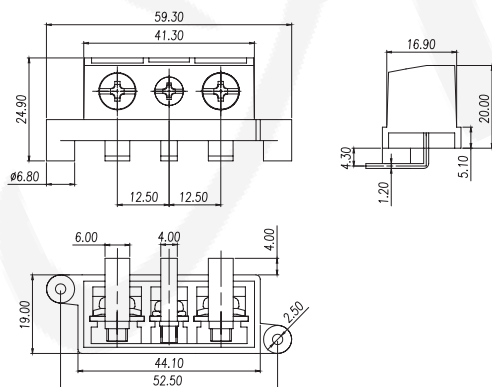
STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	30A	32A
WIRE RANGE	22~10AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	

5TB125R-EMHE03BLX-01

Pitch / Poles : 12.5 mm / 3P



CERTIFICATION



MATERIAL

SCREW	M4.0 Steel Au plated
PIN HEADER	Copper alloy, Au Plated
HOUSING	PA66, UL94V-0

ELECTRICAL

STANDARD	UL	IEC
RATED VOLTAGE	300V	450V
RATED CURRENT	30A	32A
WIRE RANGE	22~10AWG	4.0mm ²
CONTACT RESISTANCE	20mΩ	
INSULATION RESISTANCE	500MΩ / DC500V	
WITHSTANDING VOLTAGE	AC2000V / 1Min	

MECHANICAL

TEMP. RANGE	-40°C~+105°C	
TORQUE	12.24kgf-cm / 1.2Nm / 10.6Lbin	