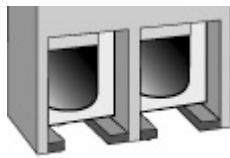
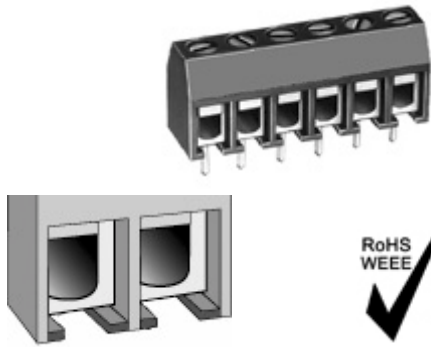




Screw Connectors for Printed Circuit Boards

TYPE 978 (-DS)

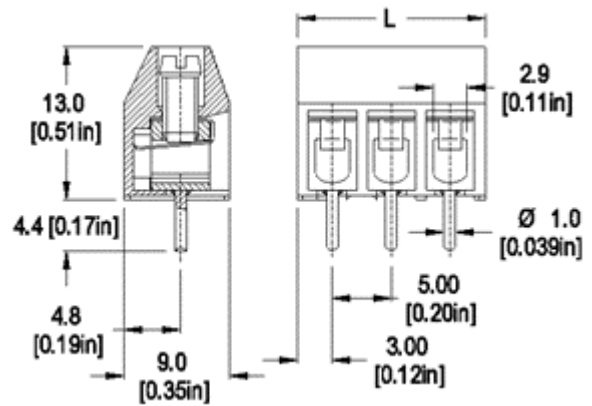
5 mm spacing - 2 to 32 poles



Enlarged clamping area



RoHS WEEE Pb free compliant



Dimensions: mm (in.)

Length of Connector (L)

$$L = \text{No. of Poles} \times \text{Center to Center Spacing} + 1 \text{ mm}$$

When locating connector, allow 0.5 mm clearance around it for process-induced variations.

Description

- Solid version
- Wire entrance parallel to PC Board
- Enlarged clamping area

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)

Nominal Cross Section:
4 mm² (6199 mils²)

Wire Stripping Length: 6.5 mm (0.26 in.)

Recommended Hole Diameter in PC Board:
1.3 mm (0.051 in.)

Approval Information

UL File No. E69841

CSA File No. LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	20	300	B,D	26-12
CSA	20	300	B,D,E	22-10

* Version DS is CSA certified for 26-10 AWG.
UL: 24-26 AWG range for factory wiring only.

Screw Tightening Torque:

UL: 4.5 lbf·in

CSA: 0.51 Nm

International Approvals:



Rated Impulse Withstand Voltage: 2500 V

Material

Version: 2 to 8 poles

Molding: Polyamide, self extinguishing UL 94, V-0, color grey

Temperature limits:

Short Time: 140°C (284°F)

Continuous: RTI 105°C (221°F)

Low Limit: -40°C (-40°F)

Comparative Tracking Index: CTI > 600

Oxygen Index Rating: 32%

Version: 9 to 32 poles

Molding: Polyamide (glass fiber reinforced), self extinguishing UL 94, V-0, color grey

Temperature limits:

Short Time: 200°C (392°F)

Continuous: RTI 105°C (221°F)

Low Limit: -40°C (-40°F)

Comparative Tracking Index: CTI > 175

Oxygen Index Rating: 33%

Terminal Body: Tin plated copper alloy

Wire Protector: Tin plated copper alloy

Screw: M3, Slotted head, zinc plated blue passivated, steel substrate

Solder Pin: Ø 1.0 mm (0.04 in.), Tin plated copper alloy

Item

978 (-DS)

Options

—

WIRE PROTECTOR:

POLES:

978

00 / 00

/

00 / 00



/

