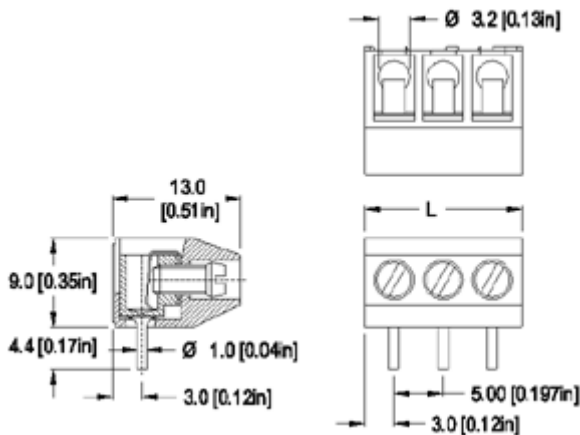




**Product Number: 973-DS/07**  
 Screw Connectors for Printed Circuit Boards  
 TYPE 973 (-DS)  
 10 mm spacing - 2 to 16 poles  
 RoHS WEEE Pb free surface compliant

**Description**  
 Solid version  
 Wire entrance perpendicular to PC Board

**Technical Data**  
 Center to Center Spacing: 5 mm (0.197 in.)  
 Nominal Cross Section: 2.5 mm<sup>2</sup> (3874 mils<sup>2</sup>)  
 Wire Stripping Length: 5.5 mm (0.22 in.)  
 Recommended Hole Diameter in PC Board: 1.3 mm (0.051 in.)



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.

**Approval Information**

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	20	300	B,D	26-12
CSA	15	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 lbfin  
 CSA: 0.51 Nm

Rated Impulse Withstand Voltage: 2500 V

**Material**

Version: 2 to 8 poles

Molding: Polyamide, self extinguishing UL 94, V-0, color grey  
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 16 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

---