WECO ®

Plug-in Screw Connector System for Printed Circuit Boards

TYPE 951-FB

5 mm spacing -   2 to 32 poles

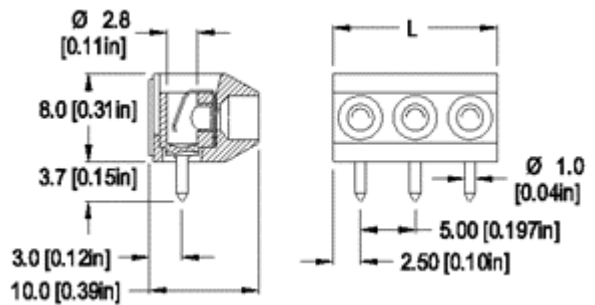**Distributor Stock Check**

951-FB

One possible variation of assembly

RoHS WEEE

RoHS WEEE Pb free compliant

Description

- Socket
- Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB when plugged with 950-SV (-DS)
- Plug-In Direction and Wire Entrance Perpendicular to PCB when plugged with 951-SV (-DS)

Ø 2.8 [0.11in]

8.0 [0.31in]

3.7 [0.15in]

3.0 [0.12in]

10.0 [0.39in]

L

Ø 1.0 [0.04in]

5.00 [0.197in]

2.50 [0.10in]

Dimensions: mm (in.)

Length of Connector (L)
L = No. of Poles x Center to Center Spacing

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

Approval Information

UL File No.E69841

CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	7	300	B	
CSA	10	300	B	

International Approvals:

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)
Nominal Cross Section:
1.5 mm^2 (2325 mils^2)
Recommended Hole Diameter in PC Board:
1.3 mm (0.051 in.)

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
Solder Pin: Ø 1.0 mm (0.04 in.), Tin plated copper alloy
Spring Clip: Stainless steel strip

Item	951-FB

Options

☐ CN: Consecutive Numbering (hot stamped numbers)

☐ SM: Special Marking (please provide sketch)

☐ G05: Gold Plating (5 micro inches)

☐ G30: Gold Plating (30 micro inches)

☐ S30: Silver Plating (30 micro inches)

Note: Plated component: terminal body

Accessories

POLES:
02 to 32

951-FB/ ☐