



Plug-in Screw Connector System for Printed Circuit Boards

TYPE 971-FBS (-DS)

5 mm spacing - 2 to 24 poles



Distributor Stock Check



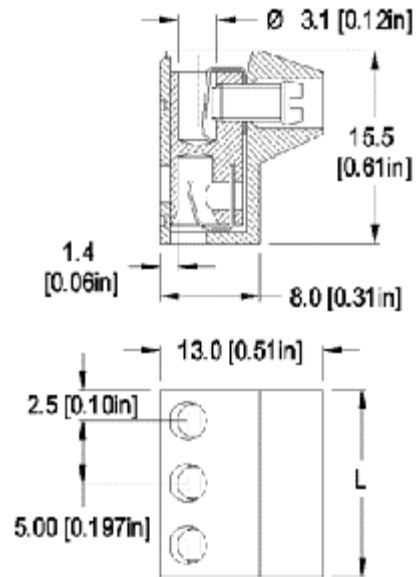
971-FBS (-DS)



One possible variation of assembly



RoHS WEEE Pb free compliant



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.

Description

- Plug
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with 950-SVG (-DS), 951-B-SV (-DS)
- Plug-In Direction and Wire Entrance Perpendicular to PCB when plugged with 971-FBSP, 971-SLK /-SLS /-SLW
- End-to-end stackable while maintaining the 5 mm spacing.

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)
Nominal Cross Section:

Approval Information

UL File No.E69841



CSA File No.LR24322



Rating	Current(A)	Voltage(V)	Application group	AWG
UL	10	300	B,D	22-14
CSA	15	300	B,D,E	22-10

* Version DS is CSA certified for 26-14 AWG.
UL: 24-26 AWG range for factory wiring only.

Screw Tightening Torque:

UL: 4.5 lbf·in

CSA: 0.51 Nm

International Approvals:



2.5 mm² (3874 mils²)
Wire Stripping Length: 6.5 mm (0.26 in.)



Rated Impulse Withstand Voltage: 2500 V

Material

Version: 2 to 12 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: 13 to 24 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
Spring Clip: Stainless steel strip
Screw: M3, Slotted head, zinc plated blue passivated, steel substrate

Item **971-FBS (-DS)**

- Options**
- ☐ CN: Consecutive Numbering (hot stamped numbers)
 - ☐ SM: Special Marking (please provide sketch)
 - ☐ PS: Clear Chromate Passivated, zinc plated, Steel Screws
 - ☐ WG: Wire Guide
 - ☐ G05: Gold Plating (5 micro inches)
 - ☐ G30: Gold Plating (30 micro inches)
 - ☐ S30: Silver Plating (30 micro inches)

Note: Plated component: terminal body

Accessories

	WIRE PROTECTOR: with: - DS		POLES: 02 to 24
971-FBS		/	