

Plug-in Screw Connector System for Printed Circuit Boards

971-FBS (-DS) | 5.00 mm (0.197 in) Spacing - 2-24 poles

PICTURES



950-SVG-DS & 971-FBS-DS



971-FBS-DS



971-FBS-DS & 971-FBSP

TECHNICAL INFORMATION

Description

Plug

End-to-end stackable while maintaining the 5 mm spacing.

Technical Data

Center to Center Spacing: 5.000 mm (0.197 in)

Nominal Cross Section: 2.5 mm² (3875 mils²)

Wire Stripping Length: 6.500 mm (0.256 in)

Bill of Materials

Pole Version : 2-12

Molding : Polyamide, Self extinguishing UL 94, V-0

Color : Grey

Temperature limits :

Short Time : 140°C (284°F)

Continuous : 105°C (221°F)

Low Limit : -40°C (-40°F)

Comparative Tracking Index : CTI ? 600 V

Oxygen Index Rating : 32 %

Pole Version : 13-24

Molding : Polyamide (glass fiber reinforced), Self extinguishing UL 94, V-0

Color : Grey

Temperature limits :

Short Time : 200°C (392°F)

Continuous : 105°C (221°F)

Low Limit : -40°C (-40°F)

Oxygen Index Rating : 33 %

Terminal Body: Tin plated copper alloy



: Tin plated copper alloy

Spring Clip: Stainless steel strip

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

APPROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
 971-FBS (-DS) 5.0 mm	10	300	B, D	22-14	4.5 lbfin
 971-FBS (-DS) 5.0 mm	20 10	300 300	B D, E	26-12 26-12	0.4 lbfin 0.4 lbfin

UL: 24-26 AWG range for factory wiring only.

International Approval Information



Rated Impulse Withstand Voltage : 2500 V

PLUGGING PARTS

Plug-In Direction and Wire Entrance Parallel to PCB



TYPE 950-SVG (-DS)
5.00 mm spacing - 2-32 poles



TYPE 951-B-SV (-DS)
5.00 mm spacing - 2-12 poles

Plug-In Direction and Wire Entrance Perpendicular to PCB

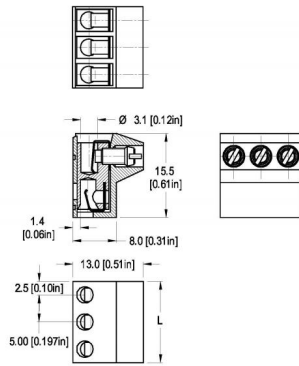


TYPE 971-FBSP
5.00 mm spacing - 2-12 poles



TYPE 971-SLK /-SLS /-SLW
5.00 mm spacing - 2-64 poles

TECHNICAL DRAWING



Description :

Length of Connector (L)

L = No. of Poles x Center to Center Spacing

SECTION A - SERIES 97-FBW, 97-FBS AND 97-K

Terminal Blocks for Printed Circuit Boards



This series of versatile combination two-part terminal blocks provides a variety of design solutions. The plugs can be used with matching pinstrips or headers. Some of the male plugs interlock with their female counterparts.

We strongly recommend the optional wire protectors (DS designation) to prevent damage to stranded wiring from the clamping screw mechanism. Solid wiring does not require wire protectors this makes insertion of larger wires easier in field wiring applications.

Each product has a "How To Order" area as well as a complete listing of UL and CSA approval specifications, available options and accessories.