Plug-in Screw Connector System for Printed Circuit Boards

974-FB | 5.00 mm (0.197 in) Spacing - 2-26 poles

PICTURES

974-FB

974-FB & 951-SV

TECHNICAL INFORMATION

Description

Socket

974-FB may be used in conjunction with type 974-P interlocking plate.

Technical Data

Center to Center Spacing: 5.000 mm (0.197 in)
Recommended Hole Diameter in PC Board: 1.300 mm (0.051 in)

Bill of Materials

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 %

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

APROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
974-FB 5.0 mm	6	300	B, C		
974-FB 5.0 mm	20 10	300 300	B D, E		

Internationl Approval Information

PLUGGING PARTS

Plug-In Direction and Wire Entrance 45 to PCB

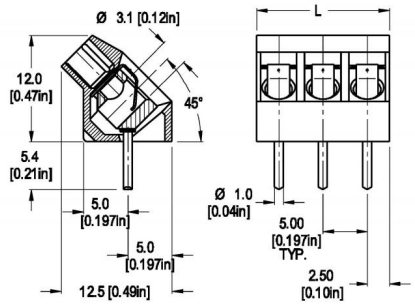
TYPE 950-SV (-DS)
5.00 mm spacing - 2-32 poles

TYPE 951-SV (-DS)
5.00 mm spacing - 2-32 poles

TYPE 970-SV (-DS)
5.00 mm spacing - 2-32 poles

TYPE 971-SV (-DS)
5.00 mm spacing - 2-32 poles

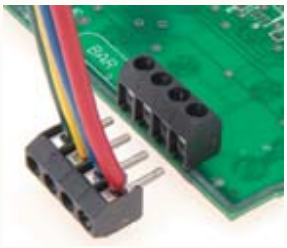
TECHNICAL DRAWING



Description :

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

SECTION A - SERIES 94-FB/SV, 95-FB/SV AND 974-FB



Terminal Blocks for Printed Circuit Boards

The Plug-In design is recommended to provide secure yet easy connection and disconnection to simplify service, assembly or testing the SV type plug is usually pre-wired to prevent misaligned insertion of wires during servicing in the field.

The use of a stainless steel contact spring provides;od pressure and retention.

Blocks can be installed end-to-end to provide the needed pole configuration while maintaining center-to-center spacing.

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.