

Plug-in Screw Connector System for Printed Circuit Boards

971-FBWP | 5.00 mm (0.197 in) Spacing - 2-12 poles

PICTURES



971-FBWP



970-NFBW-DS & 971-FBWP

TECHNICAL INFORMATION

Description

Type 971-FBWP header feature a more secure and reliable connection by means of interlocking tabs. This product is recommended for applications which require additional plug to header retention, or in high vibration areas.

Header

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

Technical Data

Center to Center Spacing: 5.000 mm (0.197 in)

Recommended Hole Diameter in PC Board: 1.500 mm (0.059 in)

Bill of Materials

Molding : Polyamide, UL 94, V-2

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 : 25 %

Solder Pin: Tin plated copper alloy Pin diameter on plug-in side: 1.3 mm (0.051 in.)

APPROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
 971-FBWP 5.0 mm	20	300	B, D		
 971-FBWP 5.0 mm	20	300	B D, E		

## PLUGGING PARTS

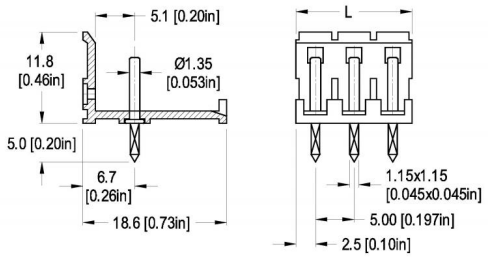
**Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB**

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**TYPE 970-NFBW (-DS)**  
5.00 mm spacing - 2-12 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.