

Plug-in Screw Connector System for Printed Circuit Boards

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

PICTURES



971-KS



971-KS & 971-FBS

TECHNICAL INFORMATION

Description

These headers are designed to provide a secure interlocking mechanism when an application will be encountering severe vibrations. The header can also be used with the type 971-FBS (-DS) when interlocking and keying features are not required.

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: 1.300 mm (0.051 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 1 mm (0.04 in.)

APPROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
 971-KS 5.0 mm	20	300	B, D		
 971-KS 5.0 mm	10	300	B, D, E		

International Approval Information



PLUGGING PARTS

Plug-In Direction and Wire Entrance Perpendicular to PCB

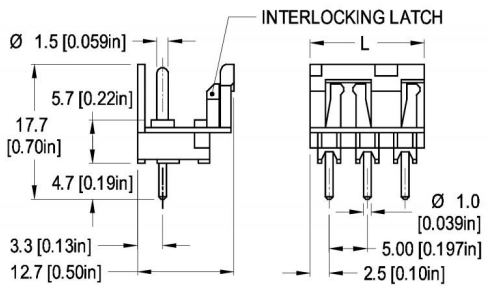


TYPE 971-FBS (-DS)
5.00 mm spacing - 2-24 poles



TYPE 971-KRFBS (-DS)
5.00 mm spacing - 2-12 poles

TECHNICAL DRAWING



Description :

Length of Connector (L)

$L = \text{No. of Poles} \times \text{Center to Center Spacing}$

(A) Interlocking latch

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.