Plug-in Screw Connector System for Printed Circuit Boards

970-KA /-KB | 5.00 mm (0.197 in) Spacing - 2-12 poles

PICTURES



970-KB



970-KB & 971-KRFBS



970-KA

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

970-KA: Extended base to improve to the stability during wave soldering and to increase the strength during plugging and depplugging.

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.)

APROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
970-KA /-KB 5.0 mm	20	300	B, D		
970-KA /-KB 5.0 mm	20 10	300 300	B D, E		

Internationl Approval Information

PLUGGING PARTS

Plug-In Direction and Wire Entrance Parallel to PCB

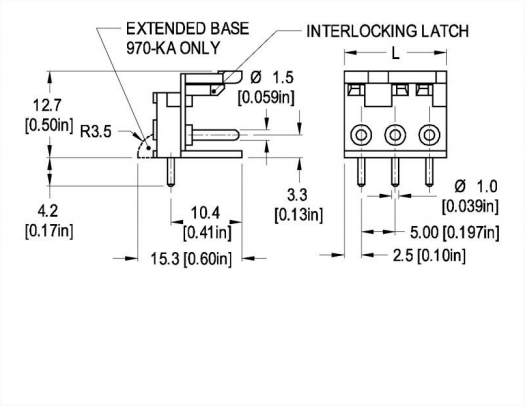


TYPE 971-KRFBS (-DS)
5.00 mm spacing - 2-12 poles



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

TECHNICAL DRAWING



Description :

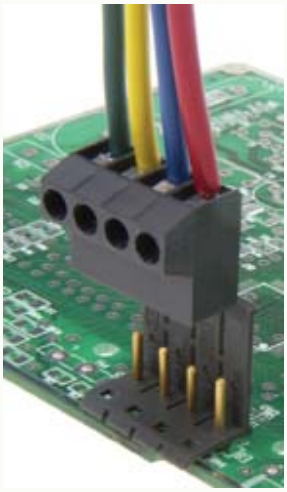
Length of Connector (L)

L = No. of Poles x Center to Center Spacing

(A) Extended base, 970-KA only

(B) 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.