



Plug-in Screw Connector System for Printed Circuit Boards

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



Distributor Stock Check



971-KRFBS (-DS)

One possible variation of assembly



RoHS WEEE Pb free surface compliant

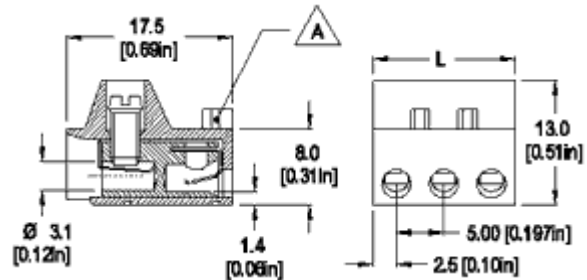
Description

These plugs are designed to provide a secure interlocking mechanism when an application will be encountering severe vibrations.

- Plug
- Plug-In Direction and Wire Entrance Perpendicular to PCB when plugged with 971-KS
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with 970-KA /-KB, 970-KE
- End-to-end stackable while maintaining the 5 mm spacing.

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)
Nominal Cross Section:
 2.5 mm² (3874 mils²)
Wire Stripping Length: 5.5 mm (0.22 in.)
Contact Resistance: typically 1m ohm



Dimensions: mm (in.)

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

When locating connector, allow 0.5 mm clearance around it for process-induced variations.

Approval Information

UL File No.E69841
 CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	20	300	B,D	26-12
CSA	10	300	B,D,E	22-10

* Version DS is CSA certified for 26-14 AWG.
 UL: 24-26 AWG range for factory wiring only.

Screw Tightening Torque:

UL: 4.5 lbfm
 CSA: 0.51 Nm

International Approvals:



Rated Impulse Withstand Voltage: 2500 V

Material

Molding: Polyamide, self extinguishing UL 94, V-0, color grey
Temperature limits:
Short Time: 140°C (284°F)
Continuous: RTI 105°C (221°F)
Low Limit: -40°C (-40°F)
Comparative Tracking Index: CTI > 600
Oxygen Index Rating: 32%

Terminal Body: Tin plated copper alloy
Wire Protector: Tin plated copper alloy
Spring Clip: Stainless steel strip
Screw: M3, Slotted head, zinc plated blue passivated, steel substrate

Item **971-KRFBS (-DS)**

Options

- CN: Consecutive Numbering (hot stamped numbers)
- SM: Special Marking (please provide sketch)
- PS: Clear Chromate Passivated, zinc plated, Steel Screws
- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- S30: Silver Plating (30 micro inches)

Note: Plated component: terminal body

Accessories

971-KRFBS

WIRE PROTECTOR:
with: - DS

/

POLES:
02 to 12