



PRODUCT SEARCH

971-KRFBS-DS/02

FR e.g.20.874.002

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PRODUCTS



CROSS-REFERENCE

Plug-in Screw Connector System for Printed Circuit Boards

TYPE 971-KRFBS (-DS)

5 mm spacing - 2 to 12 poles



Distributor Stock Check

Series	Download PDF	3D Model	Can plug with	How to order	Color specifications	Print
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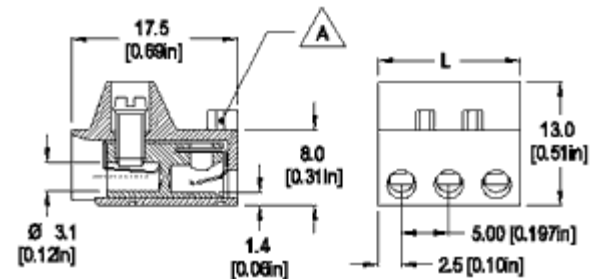
971-KRFBS (-DS)



One possible variation of assembly



RoHS WEEE Pb free surface compliant



Dimensions: mm (in.)

L = 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 lbf·in
CSA: 0.51 Nm

International Approvals:



Rated Impulse Withstand Voltage: 2500 V

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

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 ≥ 600V
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

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How to order

Item — 971-KRFBS (-DS)

- Options**
- CN: Consecutive Numbering (hot stamped numbers)
 - SM: Special Marking (please provide sketch)
 - PS: Zinc plated clear Passivated, steel substrate
 - G05: Gold Plating (5 micro inches)
 - G30: Gold Plating (30 micro inches)
 - S30: Silver Plating (30 micro inches)

- Request sample**
- Request quote**

Quantity | 1 |

Accessories

- [BST Self Adhesive Marking Strips. Consecutively numbered.](#)
- [LST Single Pins.](#)

Note: Plated component: terminal body

971-KRFBS

WIRE PROTECTOR:
with: - DS

/

POLES:
02 to 12

Add to shopping cart