Plug-in Screw Connector Systems for Printed Circuit Boards

TYPE 971-SLT-SMD
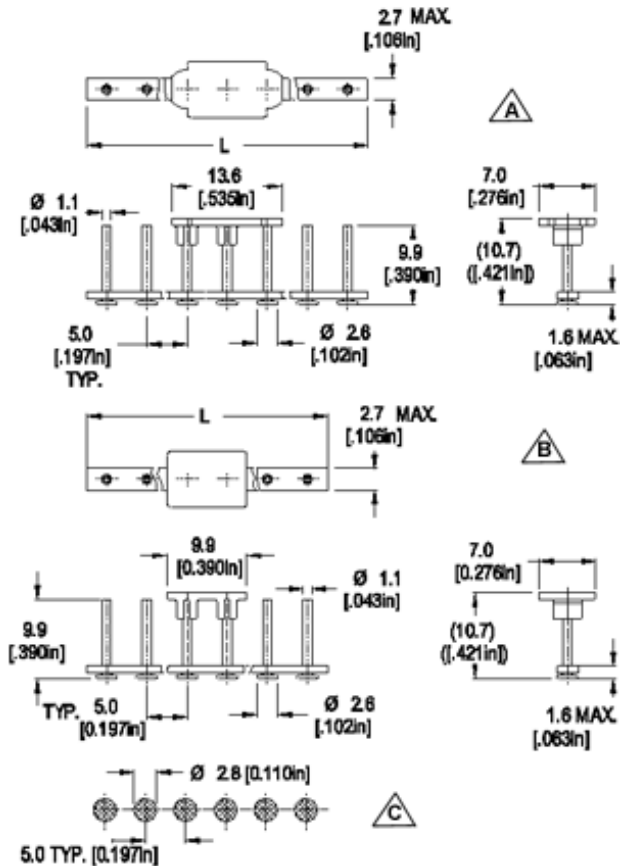**5 mm spacing - 2 to 12 poles**

Distributor Stock Check

SMARTCONN ®

Series	Download PDF	3D Model	Can plug with	How to order	Color specifications	Print

RoHS WEEE Pb free compliant

New Nouveau Nuevo Novo

Description

U.S. Pat.6,224,399B1

- Pinstrip
- low profile
- Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB when plugged with **950-NAF-DS**, **950-NLFL-DS**, **958-NLFL-DS**, **950-FL-DS**, **950-T-FL-DS**, **115-F-111**, **115-F-118** and **115-F-211**
- Exceptional pin retention force on SMT
- Typical resistance to horizontal peel off force per 2 poles: 15 kgf (33 lbf), per 6 poles: 28 kgf (61 lbs) (depending on soldering process).

Technical Data

Center to Center Spacing: 5 mm (0.197 in.)

Dimensions: mm (in.)

Length of Connector (L)
L = No. of Poles x Center to Center Spacing
(A) Odd numbers of poles
(B) Even numbers of poles
(C) PCB Pad layout
Recommended Stencil Thickness: 0.15 mm (0.006 in.)

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

Approval Information

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	10	300	B	
CSA	10	300	B	

Material

Molding: Polyamide 4.6, 30% GF (glass fiber reinforced), self extinguishing UL 94, V-0, color Black
Temperature limits:
Short Time: 260°C (500°F)
Continuous: RTI 105°C (221°F)
Low Limit: -40°C (-40°F)
Comparative Tracking Index: CTI > 250
Oxygen Index Rating: 37 %

Average weight: 0.1 gram,
Solder Pin: Ø 1.1 mm (0.04 in.), Tin plated copper alloy

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How to order

Item 971-SLT-SMD

Options

G05: Gold Plating (5 micro inches)

G30: Gold Plating (30 micro inches)

S30: Silver Plating (30 micro inches)

TR: Tape and Reel Assembly

PCP: Removable Pick Cap

Note: Plated component: solder pin

Ordering Note: This product is currently available in Tape and Reel in 6 poles only. For other configuration, please contact factory.

POLES:
02 to 12

971-SLT-SMD/

Request sample

Request quote

Quantity

Accessories

Add to shopping cart