

Plug-in Screw Connector System for Printed Circuit Boards

931-FST | 3.50 mm (0.138 in) Spacing - 2-16 poles

PICTURES



931-FST



931-FST & 930-FL-DS

TECHNICAL INFORMATION

Description

Tabstrip

Can be plugged with conjunction of standard 2.8 mm receptacles (quick-connect)

Technical Data

Center to Center Spacing: 3.500 mm (0.138 in)



Recommended Hole Diameter in PC Board: 1.600 mm (0.063 in)

Bill of Materials

Solder Pin: Tin plated copper alloy 0.8 mm (0.03 in.) x 1.4 mm (0.055 in.)

APPROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
 931-FST 3.5 mm	6	300	B		
 931-FST 3.5 mm	6	300	B		

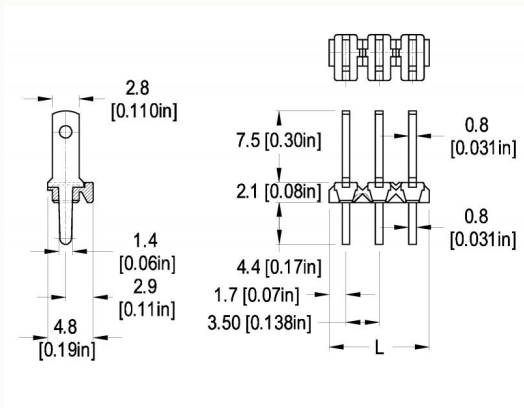
PLUGGING PARTS

Plug-In Direction and Wire Entrance Perpendicular to PCB



**TYPE 930-FL (-DS)**  
3.50 mm spacing - 2-24 poles

**TECHNICAL DRAWING**



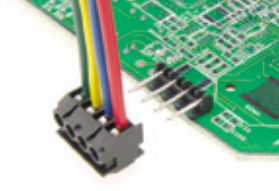
**Description :**

Length of Connector (L)

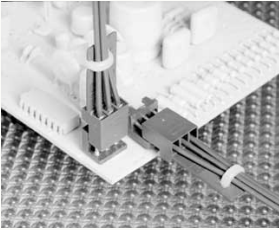
L = No. of Poles x Center to Center Spacing

## SECTION A - SERIES 93-FL AND SERIES 95-FL

### Terminal Blocks for Printed Circuit Boards



These two-part plug and pinstrip combinations provide a small footprint, and low-profile design when ease of service, manufacturing and testing are needed. The two parts are secured with a specially designed contact spring, which ensures proper electrical contact and resistance to vibration. The two-piece design reduces maintenance and servicing costs in the field it saves time and reduces the problem of inserting replacement wires under less than ideal field conditions.



Types 930-FL, 930-HSL and 931-HFL with 3.5 mm (0.138 in.) spacing and the type 950-FL-DS with 5.0 mm (0.197 in.) spacing were designed to meet industry standards.

The 950-TFL-DS type was designed as a dovetail block with 2, 3 and 8 poles per block the dovetail system provides the flexibility to assemble the designer with the needed number of positions while maintaining center-to-center spacing. The dovetail system greatly reduces inventory and speeds up delivery.

A variety of pinstrips can mate securely with the plugs to provide an effective and rapid connection system. The 3.5 mm 931-SLS is available with different pin lengths. The pins are inserted in pinstrips made of fiberglass-filled polybutylene terephthalate (PBTP) to provide better heat resistance during the wave soldering process.

The plug fits flush with the circuit board surface and provides a visual indication that the parts have been properly mated. Pinstrip pins are available in different lengths these longer pin lengths allow two blocks to be connected on a common pin, one on top of the other.

Each product has a "How To Order" area as well as a complete listing of UL and CSA approval specifications, available options and accessories.