

## Plug-in Screw Connector System for Printed Circuit Boards

971-SLK /-SLS /-SLW | 5.00 mm (0.197 in) Spacing - 2-64 poles

# TECHNICAL INFORMATION

#### **Description**

Pinstrip

#### **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**

**Solder Pin:** Tin plated copper alloy PCB end: 1 mm (0.039 in.) or .1 (0,043 in.), plug-in end: .1 mm (0.043 in.), 1.15 (0.045 in.) and 1.3 mm (0.051 in.)

#### **Application**

WECO offers a variety of pin lengths and pin diameters. In order to order these special pins, please refer to the special pin page found in the ordering box.

# APROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

	Туре	Current (A)	Voltage (V)	Application	AWG	Screw Tightening
				Group		Torque
977	971-SLK /-SLS /-SLW	10	300	В		
	5.0 mm					
<b>(P</b>	971-SLK /-SLS /-SLW	10	300	B, D, E		
	5.0 mm					

#### **Alternative Approval Information**

Type	Current (A)	Voltage (V)	Application	AWG	Screw Tightening
			Group		Torque
971-SLK /-SLS /-SLW	10	300	B, D, E		
10.0 mm					



## PLUGGING PARTS

#### Plug-In Direction and Wire Entrance Perpendicular to PCB



#### TYPE 971-FBS (-DS)

5.00 mm spacing - 2-24 poles

# Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB



#### TYPE 115-F-111

5.00 mm spacing - 2-12 poles



## TYPE 115-F-118

5.00 mm spacing - 2-12 poles



#### TYPE 115-F-211

5.00 mm spacing - 2-12 poles



#### TYPE 950-FL-DS

5.00 mm spacing - 2-24 poles



#### TYPE 950-GFL-DS

5.00 mm spacing - 2-24 poles



#### TYPE 950-NAF-DS

5.00 mm spacing - 2-12 poles



#### TYPE 950-NLFL-DS

5.00 mm spacing - 2-12 poles



## TYPE 950-RNF-DS

5.00 mm spacing - 2-12 poles



## TYPE 950-T-FL-DS

5.00 mm spacing - 2, 3, 8 poles

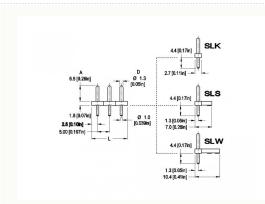


#### TYPE 970-FBW (-DS)

5.00 mm spacing - 2-24 poles



# TECHNICAL DRAWING



## **Description:**

Length of Pinstrip (L)

L = No. of Poles x Center to Center Spacing

Other options:

In .10 mm diameter (D), the following protruding lengths (A) are available: 7.8, 10.3, 1 In .15 mm diameter (D), the following protruding lengths (A) are available: 6.5 and 14.7 In .30 mm diameter (D), the following protruding lengths (A) are available: 6.5, 7.2, 7.7 29.0 mm.



## 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.