

Screw and Tab Connectors for Printed Circuit Boards

982-S /-D /-W | 9.52 mm (0.375 in) Spacing - 2-26 poles

PICTURES



982-D



982-S



982-W

TECHNICAL INFORMATION

Description

Standard product comes with a slotted screw.

(For combi/pozidriv screw, please see the options -CSS in the How to Order)

Barrier strip connector

Allows two wires of the same size per contact from either direction

Technical Data

Center to Center Spacing: 9.520 mm (0.375 in)

Nominal Cross Section: 2.50 mm² (3875 mils²)

Wire Stripping Length: 8.500 mm (0.335 in)

Recommended Hole Diameter in PC Board: 1.300 mm (0.051 in)

Bill of Materials

Molding : Polyamide, Self extinguishing UL 94, V-0

Color : Grey

Temperature limits :

Short Time : 140°C (284°F)

Continuous : 105°C (221°F)

Low Limit : -40°C (-40°F)

Comparative Tracking Index : CTI ? 600 V

Oxygen Index Rating : 25 %

Terminal Body: Tin plated copper alloy



PCB Pin: Tin plated copper alloy 0.8 x 1.0 mm (0.03 x 0.04 in.)

Screw and Washer: Sems slotted head, zinc plated blue passivated, steel substrate M3.5

Pressure Plate: Zinc plated blue passivated or tin plated (for 982-S only)

APPROVAL INFORMATION

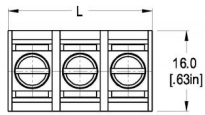
UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
 982-S /-D /-W 9.52 mm	20	300	B, C	20-12	7.0 lbfin
 982-S /-D /-W 9.52 mm	10 20	300 300	D, E B	20-12 20-12	0.79 lbfin 0.79 lbfin

International Approval Information

Rated Impulse Withstand Voltage : 4000 V

TECHNICAL DRAWING

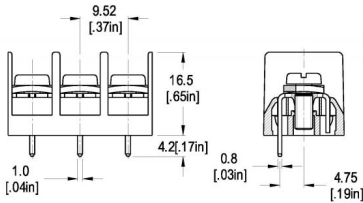


Description :

982-S

Length of Connector (L)

L = No. of Poles x Center to Center Spacing

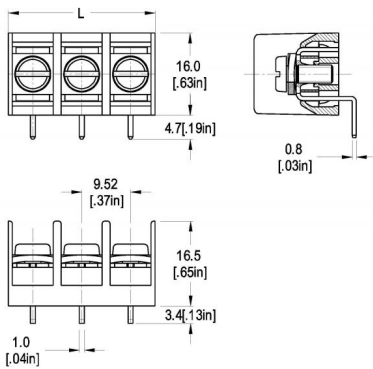


Description :

982-W

Length of Connector (L)

L = No. of Poles x Center to Center Spacing

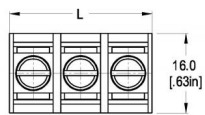


Description :

982-D

Length of Connector (L)

L = No. of Poles x Center to Center Spacing



SECTION A - SERIES 98



Terminal Blocks for Printed Circuit Boards

The use of flexible polyamide in this series of barrier strips provides greater resistance to breakage than other barrier strips made from more rigid and brittle materials.

The screw and washer combinations are fixed together (SEMS type screw) to allow easier wire insertion. Screw connectors are supplied with one or two PCB pins per pole. The tab connectors provide a choice of tab and screw combinations to suit most design requirements a different tab arrangement can be supplied in each pole position for greater design flexibility. The variety of available tabs allows multiple wires to be connected to the same pole.

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