

Screw Connectors for Printed Circuit Boards

TYPE 140-A-121

5 mm spacing - 2 to 24 poles

Distributor Stock Check



Series

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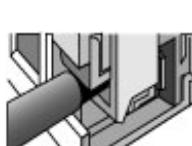
3D Model

Can plug with

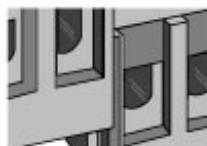
How to order

Color specifications

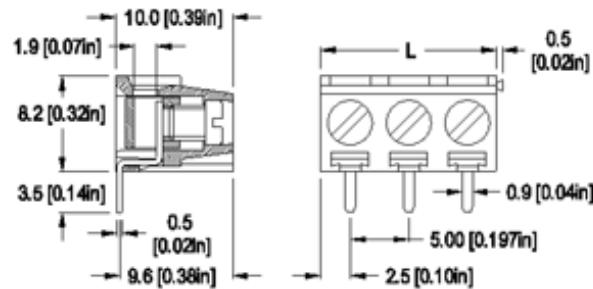
Print



Elevator Style Clamping



Dovetail Interlocking Feature

RoHS WEEE
Pb free
compliant

Dimensions: mm (in.)

Length of Connector (L)
L = No. of Poles x Center to Center SpacingWhen locating connector, allow 0.5 mm clearance
around it for process-induced variations.

Description

- Dovetail version
- Wire entrance perpendicular to PC Board
- Elevator-style clamping mechanism
- Can be factory, field or distributor assembled to almost any length

Technical Data

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

Nominal Cross Section:

1.5 mm² (2325 mils²)

Wire Stripping Length: 6 mm (0.25 in.)

Recommended Hole Diameter in PC Board:

1.2 mm (0.047 in.)

Approval Information

UL File No.E69841



CSA File No.LR24322



Rating	Current(A)	Voltage(V)	Application group	AWG
UL	10	300	B,C,D	30-14
CSA	15	300	B	30-14

* UL: 20A range for factory wiring only.

Screw Tightening Torque:

UL: 4.5 lbf in

CSA: 0.51 Nm

Rated Impulse Withstand Voltage: 2500 V

Material

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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 > 600

Oxygen Index Rating: 33%

Terminal Body: Nickel plated copper alloy

Solder Pin and Pressure Plate: Tin plated copper alloy

Screw: M3, Slotted head, zinc plated blue passivated, steel substrate

Solder Pin: 0.9 mm x 0.5 mm (0.04 in. x 0.02 in.),

How to order

Item 140-A-121

Options

CN: Consecutive Numbering (hot stamped numbers)

SM: Special Marking (please provide sketch)

BS: Copper Alloy Screw

G05: Gold Plating (5 micro inches)

G30: Gold Plating (30 micro inches)

S30: Silver Plating (30 micro inches)

Note: Plated components: solder pin and pressure plate

140-A-121/

POLES:
02 to 24

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Quantity

Accessories

[BST Self Adhesive Marking Strips.](#)

[Consecutively numbered.](#)

[Jumper, Type 970-J1.](#)

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