

Screw Connectors for Printed Circuit Boards

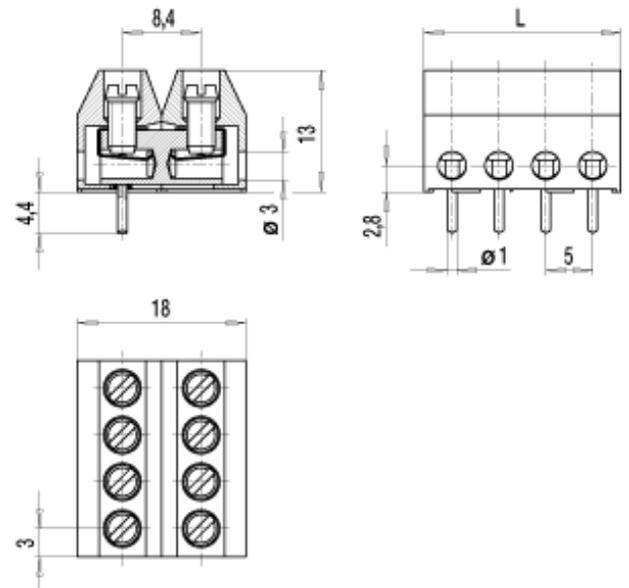
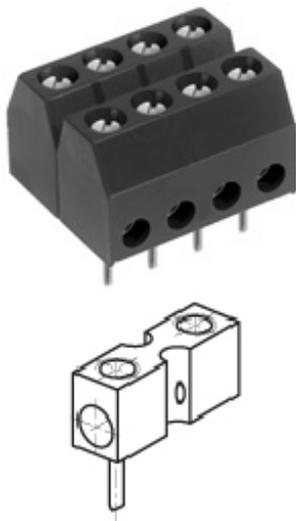
TYPE 971-DOPG (-DS)

5 mm spacing - 2 to 8 poles



Distributor Stock Check

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

The 971-DOPG terminal block offers more connection possibilities via a secondary wire access port opposite to the primary one. Both access ports have the same electrical potential. This application is suitable for Wire in - Wire out - PCB signal out application.

- Solid version
- Wire entrance parallel to PC Board

Technical Data

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

Nominal Cross Section:

2.5 mm² (3874 mils²)

Wire Stripping Length: 6.5 mm (0.26 in.)

Recommended Hole Diameter in PC Board:

1.3 mm (0.051 in.)

Dimensions: mm (in.)

Length of Connector (L)

$$L = \text{No. of Poles} \times \text{Center to Center Spacing} + 1 \text{ mm}$$

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

Approval Information

* Recommended current 24 A, recommended voltage 250 V

Recommended Wire Size Range: 26-12 AWG

Rated Impulse Withstand Voltage: 2500 V

UL and CSA approvals pending.

Material

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Molding: Polyamide, self extinguishing UL 94, V-0, color grey

Temperature limits:

Short Time: 140°C (284°F)

Low Limit: -40°C (-40°F)

Comparative Tracking Index: CTI > 600

Terminal Body: Nickel plated copper alloy

Wire Protector: Tin plated bronze

Solder Pin: Tin plated copper alloy

Screw: M3, Zinc plated blue passivated, steel substrate

How to order

Item 971-DOPG (-DS)

Options

CN: Consecutive Numbering (hot stamped numbers)

SM: Special Marking (please provide sketch)

[Request sample](#)

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Quantity

Accessories

[BST Self Adhesive Marking Strips.](#)

[Consecutively numbered.](#)

WIRE PROTECTOR:
with: - DS

POLES:
02 to 08

971-DOPG

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