

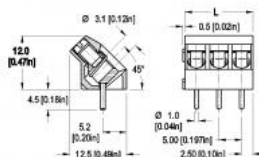


SCREW CONNECTORS FOR PRINTED CIRCUIT BOARDS

974-T (-DS)

5.00 mm (0.197 in) Spacing - 2-3 poles

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[Distributor stock check](#)

[view 3d model](#)

TECHNICAL INFORMATION

APPROVAL INFORMATION

HOW TO ORDER

Description

Can be installed anywhere on PCB without wires or screws interfering with the rest of PCB. Can be located next to each other back-to-back, front-to-front and front-to-back. The screws and wire entries are easily visible, accessible and usable, an ergonomic advantage.

Wire entrance at 45° angle to PC Board

Dovetail version

End-to-end stackable while maintaining the 5 mm spacing.

Can be factory, field or distributor assembled to almost any length.

Technical Data

Center to Center Spacing: 5.000 mm (0.197 in)

Nominal Cross Section: 2.5 mm² (3875 mils²)

Wire Stripping Length: 6.500 mm (0.256 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 : 32 %

Terminal Body: Tin plated copper alloy

: Tin plated copper alloy

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

Solder Pin: Tin plated copper alloy Ø 1.0 mm (0.04 in.)



Visual Description

RoHS WEEE Pb free surface compliant



Approval Information

UL File No. [E69841](#) | CSA File No. [LR24322](#)

	TYPE (Spacing)	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
	974-T (-DS) 5.0 mm	20	300	B, D	26-12	4.5 lbfin
	974-T (-DS)	10	300	D, E	26-12	0.51 Nm
	5.0 mm	20	300	B	26-12	0.51 Nm

UL: 24-26 AWG range for factory wiring only.

International Approval Information



Rated Impulse Withstand Voltage : 2500 V

Please fill in the How to Order box

- Request Sample Quantity
- Request Quote Quantity

974-T

Wire protector:

Poles:

OPTIONS:

- CN: Consecutive Numbering (hot stamped numbers)
- G05: Gold Plating (5 micro inches)
- G30: Gold Plating (30 micro inches)
- S30: Silver Plating (30 micro inches)
- SM: Special Marking (please provide sketch)
- XXMM: Longer solder Pins up to (...), XX = protruding length of pins in millimeters

Accessories

- [970-J2, Jumper](#)
- [BST -3.50/ -5.00/ -5.08/ -7.50/ -10.00/ -10.16, Self Adhesive Marking Strips](#)
- [970-J1, Jumper](#)

Notes

Plated component: terminal body

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