

Screw Connectors for Printed Circuit Boards

TYPE 970-ENO (-DS)

5 mm spacing - 4 to 24 poles



Distributor Stock Check





RoHS WEEE Pb free compliant

Description

- Double level
- Wire entrance parallel to PC Board
- Rows are offset 2.5 mm (0.098 in.)
- 2nd row offset to the right from front, 3rd row offset to right from 2nd row
- Moldings are offset by 3.0 mm (0.118 in.)

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.)

5.00 [0.197ln]

10.00 [0.394in]

5.00 [0.197ln]

5.00 [0.197ln]

4.8 [0.19in]

4.8 [0.19in]

4.8 [0.19in]

4.9 [0.19in]

5.00 [0.197ln]

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Dimensions: mm (in.)

Length of Connector (L)
L = (No. of Poles x Center to Center Spacing / 2) + 3 mm
(A) PCB hole layout

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

Approval Information

UL File No.E69841 **N**CSA File No.LR24322

Ratir	Current(A)	Voltage(V)	Application group	AWG	
· UL	20	300	B,D	26-12	ì
CSA	15	300	B,D,E	22-10	

* Version DS is CSA certified for 26-10 AWG. UL: 24-26 AWG range for factory wiring only.

			Continuous: RTI 105°C (221°F) Low Limit: -40°C (-40°F) Comparative Tracking Index: CTI > 600 Oxygen Index Rating: 32%		
			Terminal Body: Tin plated copper alloy Wire Protector: Tin plated copper alloy Screw: M3, Slotted head, zinc plated blue passivated, steel substrate Solder Pin: Ø 1.0 mm (0.04 in.), Tin plated copper alloy		
Item	970	O-ENO (-DS)			
Options		SM: Special Marking (please provide sketch) PS: Clear Chromate Passivated, zinc plated, Steel Screws WG: Wire Guide G05: Gold Plating (5 micro inches) G30: Gold Plating (30 micro inches) S30: Silver Plating (30 micro inches) XXMM: Longer solder Pins up to 61 mm (2.4 in.) Protruding length of pins, in millimeters:			
Note: Plated compor	nent:	terminal body			
Ordering Note: The	long	er length of the back row sold	er pins simplifies installation.		
Accessories					
970-ENO		WIRE PROTECTOR: with: - DS	POLES: 04 to 24		

Screw Tightening Torque: UL: 4.5 Ifbin

Rated Impulse Withstand Voltage: 2500 V

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

CSA: 0.51 Nm

Material

Temperature limits: Short Time: 140°C (284°F)