DEPLUGGABLE TERMINAL STRIPS FOR PANEL / CHASSIS MOUNTING

302-NFB (-DS)

8.00 mm (0.315 in) Spacing - 1 - 12 poles

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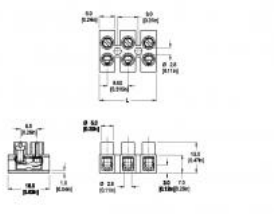

ZOOM

distributor stock check additional photos view 3d model

Dimensions: mm (in.)

Length of Connector (L)

L = No. of Poles x Center to Center Spacing - 2 mm

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

TECHNICAL INFORMATION APPROVAL INFORMATION PLUGS WITH HOW TO ORDER

Description

The -NSV male plug and -NFB female socket block pairs provide excellent electrical contact and high vibration resistance.

Socket

Low profile

Recommended mounting hardware: M2.5 pan head screw (#3-48 pan head screw) or similar sized sheet metal screw, self-tapping screw or rivet.

Technical Data

Center to Center Spacing: 8 mm (0.315 in)

Nominal Cross Section: 1.5 mm^2 (2325 $mils^2$)

Wire Stripping Length: 5 mm (0.20 in.)

Bill of Materials

Molding : Polyamide, self extinguishing to UL 94, V-2

Color : off-white

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 V

Oxygen Index Rating : 25%

Terminal Body: Tin plated copper alloy

Spring Clip: Stainless steel strip

Wire Protector: Tin plated copper alloy

Screw: M2.6 Slotted head, zinc plated blue passivated, steel substrate

Application

Whether panel, chassis, printed circuit or wire harness mounted, the 300 series terminal blocks are robust and versatile assets to complement your wiring needs. Male or female plugs can be on the wire harness or they can be on the panel, chassis or PCB. Male and female components can be adjusted for "connect ground first" type configurations where one of the components male or female is extended forward more than the other poles. Configurations with both male and female components can be designed to mate their appropriate counterparts. Plug

Visual Description

RoHS WEEE Pb free surface compliant

in directions and wire entries can be oriented almost anyway possible with respect to the mounting surface. Insertion and extraction forces can be optimized for ease of use or for robustness to vibrations by utilizing different available models and sizes. All are designed to assure;od stable electrical conductivity,;od heat dissipation and repeated cycles of use. They can be specially marked to your specifications.

The screw tightened connections result in high contact forces thus promoting safe wire secureness and retention, low electrical resistance and safe reusable connections. All wire retention screws are captive in their towers and they cannot fall out during transportation, installation and use. Wire protectors are available to protect small gauge stranded wires from screw damage.

Approval Information

UL File No. E69841 | CSA File No. LR24322

	TYPE (Spacing)	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
	302-NFB (-DS) 8.0 mm	6	300	B, D	26-14	3.5 lbfin
	302-NFB (-DS) 8.0 mm	6	300	B, D, E	26-12	0.4 Nm

UL 300V / C: if mounted on a suitable insulated surface, on standoffs, or equivalent means to maintain spacing from live parts to the mounting surface. Version DS is CSA certified for 26-14 AWG.

Plug-in direction parallel with wire entry direction

TYPE 302-NSV (-DS)
8.00 mm spacing - 1 - 12 poles

Please fill in the How to Order box

Request Sample Quantity

Request Quote Quantity

302-NFB

Wire protector: Select one

Poles: Select one

OPTIONS:

- BS: Copper Alloy Screw
- CN: Consecutive Numbering (hot stamped numbers)
- G05:;ld Plating (5 micro inches)
- G30:;ld Plating (30 micro inches)
- PS: Zinc plated clear Passivated, steel substrate
- S30: Silver Plating (30 micro inches)
- SM: Special Marking (please provide sketch)

Accessories

BST Marking Strips for terminal strips.
Jumper Combs, Series 300-J.

Notes

Plated component: terminal body

Ordering Notes

Series 300-S Terminal Strips can be supplied in other colors. Please consult factory.

ADD TO CART