



PRODUCT SEARCH

302-SV-DS/12

Reg. e.g.20.874.002

PRODUCTS

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PRODUCTS



CROSS-REFERENCE

Plug-in Screw Connector System for Printed Circuit Boards

TYPE 302-SV (-DS)

8 mm spacing - 1 to 12 poles



Distributor Stock Check



Series	Download PDF	3D Model	Can plug with	How to order	Color specifications	Print
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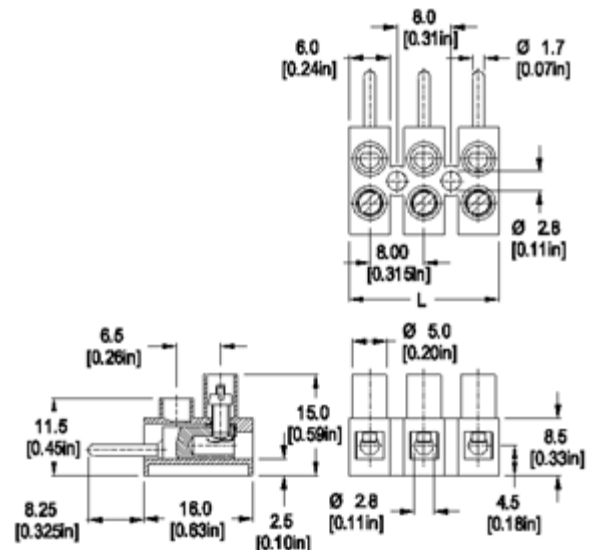
302-SV (-DS)



One possible variation of assembly



RoHS WEEE Pb free surface compliant



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.

Description

- Plug
- Standard version
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with **302-FBG (-DS)**, **302-FB (-DS)**
- Plug-in direction perpendicular to wire entry direction when plugged with **302-FLW-DS**

Technical Data

Center to Center Spacing: 8 mm (0.315 in.)

Approval Information

UL File No.E69841

CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	7	300	B,D	20-14
CSA	10	300	B,D,E	26-12

* 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.

Nominal Cross Section: 1.5 mm² (2325 mils²)
 stranded wire 2.5 mm² (3874 mils²) solid wire
Wire Stripping Length: 5 mm (0.197 in.)

Screw Tightening Torque:
 UL: 3.5 lbf·in
 CSA: 0.4 Nm

Material

Molding: Polyamide, 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 ≥ 600V
Oxygen Index Rating: 25%

Terminal Body: Nickel plated copper alloy
Wire Protector: Tin plated copper alloy
Screw: M2.6, Slotted head, zinc plated blue passivated, steel substrate

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How to order

Item — 302-SV (-DS)

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

- Request sample**
- Request quote**

Quantity

Accessories
[Jumper Combs, Series 300-J.](#)

Note: Plated component: terminal body

302-SV | WIRE PROTECTOR: with: - DS | / | POLES: 01 to 12

[Add to shopping cart](#)

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