

**Jones
Plugs/Sockets
Series 300**

Multiple Density
Solder Eyelet



FEATURES

- Solder lug terminals with .093" x .062" (2.36mm x 1.57mm) wiring holes.
- Two-contact "Jones" connector is round, all others are rectangular.
- For use in cable-to-panel and cable-to-cable applications.
- Designed for light and medium duty.
- Plug prongs are .156" (3.96mm) wide and .047" (1.19mm) thick.
- Polarized to prevent wrong-way insertion.
- Plugs have projecting flat blades, sockets have recessed twin bellows.
- Cable clamps of zinc and clear irridite-plated steel used for strain relief.
- UL Recognized-file E170218 (UL 1977), E130965 (UL1863).
- CSA-LR31996.
- See Panel Cutout dimension on page (2-38).

MATERIALS

Insulation Material: Molded monoblock, general purpose phenolic, black UL94V-1
Contact Material: Plug: Brass
 Socket: Phosphor bronze
Contact Plating: Cadmium
Operating Temperature: Up to +105°C
Hood Material: UL 94V-0 rated thermoplastic



ELECTRICAL

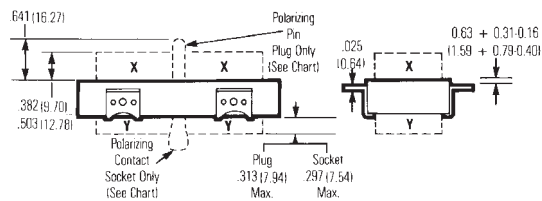
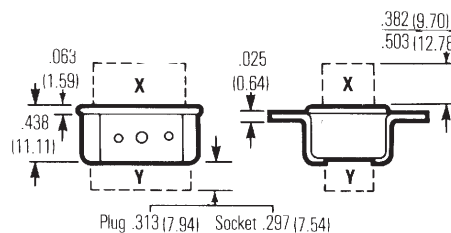
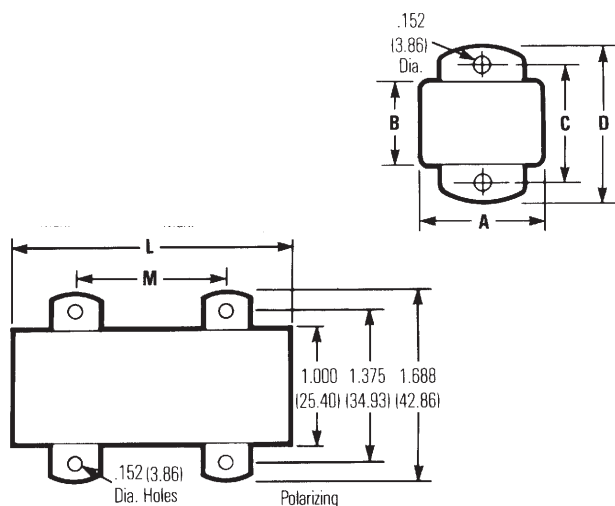
Operating Voltage: 250 VAC RMS maximum
Current Rating: 10 Amps
Contact Resistance: 16 Milliohms maximum



Marketed exclusively through distribution.

| No. of Contacts | With Angle Bracket | | No. of Contacts | Less Angle Bracket | |
|-----------------|--------------------|--------------------|-----------------|--------------------|--------------------|
| | Catalog No. Plug | Catalog No. Socket | | Catalog No. Plug | Catalog No. Socket |
| 2 | P-302-AB | S-302-AB | 2 | P-302-LAB | S-302-LAB |
| 3 | P-303-AB | S-303-AB | 3 | P-303-LAB | S-303-LAB |
| 4 | P-304-AB | S-304-AB | 4 | P-304-LAB | S-304-LAB |
| 6 | P-306-AB | S-306-AB | 6 | P-306-LAB | S-306-LAB |
| 8 | N/A | N/A | 8 | N/A | N/A |
| 10 | P-310-AB | N/A | 10 | P-310-LAB | N/A |
| 12 | P-312-AB | N/A | 12 | P-312-LAB | N/A |
| 15* | N/A | S-315-12-AB | 15 | N/A | S-315-12-LAB |
| 15 | P-315-AB | S-315-AB | 15 | P-315-LAB | S-315-LAB |
| 18 | P-318-AB | S-318-AB | 18 | P-318-LAB | S-318-LAB |
| 21 | P-321-AB | S-321-AB | 21 | P-321-LAB | S-321-LAB |
| 24 | P-324-AB | S-324-AB | 24 | P-324-LAB | S-324-LAB |
| 27 | P-327-AB | S-327-AB | 27 | P-327-LAB | S-327-LAB |
| 30 | P-330-AB | S-330-AB | 30 | P-330-LAB | S-330-LAB |
| 33 | P-333-AB | S-333-AB | 33 | P-333-LAB | S-333-LAB |

X = length of plug contacts. This dimension does not apply to sockets.
Y = length of plug or socket tails.



| No. of Contacts | A | | B | | C | | D | |
|-----------------|-------|-------|------|-------|-------|-------|-------|-------|
| | in | mm | in | mm | in | mm | in | mm |
| 2 | .656 | 16.67 | - | - | .969 | 24.61 | 1.219 | 30.96 |
| 3 | 1.000 | 25.40 | .438 | 11.11 | .750 | 19.05 | 1.062 | 26.99 |
| 4 | .750 | 19.05 | .688 | 17.46 | 1.000 | 25.40 | 1.312 | 33.34 |
| 6 | 1.000 | 25.40 | .688 | 17.46 | 1.000 | 25.40 | 1.312 | 33.34 |
| 8 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10 | 1.562 | 39.69 | .688 | 17.46 | 1.000 | 25.40 | 1.312 | 33.34 |
| 12 | 1.250 | 31.75 | .938 | 23.81 | 1.250 | 31.75 | 1.562 | 39.69 |
| 15* | 1.500 | 38.10 | .938 | 23.81 | 1.250 | 31.75 | 1.562 | 39.69 |

*Special 15 contact arrangement to allow 12-position mating.

| Reference | L | | M | | Polarizing Pin |
|-----------|-------|-------|----------|-------|----------------|
| | in | mm | in | mm | |
| 15 | 1.625 | 41.28 | See note | - | NO |
| 18 | 1.938 | 49.23 | 1.250 | 31.75 | NO |
| 21 | 2.250 | 57.15 | .938 | 23.81 | NO |
| 24 | 2.563 | 65.10 | 1.250 | 31.75 | 14 |
| 27 | 2.875 | 73.03 | 1.562 | 39.69 | 14 |
| 30 | 3.188 | 80.98 | 1.875 | 47.63 | 14 |
| 33 | 3.500 | 88.90 | 2.188 | 55.58 | 17 |

NOTE: 15-position plug and socket require only two mounting brackets, mounted on center of connector.

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