

# Series 300 – With 180 Clamp w/Locks

#### **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.
- RoHS version available
- UL Recognized-file E170218 (UL 1977), E130965 (UL1863).
- CSA-LR31996.

#### Materials

- Insulation Material:
- Molded monoblock, general purpose phenolic, black UL94V-1
- Contact Material:
- Plug: Brass Socket: Phosphor bronze
- Contact Plating: Cadmium / RoHS Matte Tin
- 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

#### **Part Numbers**

Click on any part number to see it's current stock with our distributors.

No. of ContactsCatalog No. Plug w/LockCatalog No. Socket w/Keeper

2	<u>P-302-CCT-L</u>	S-302-CCT-K
3	<u>P-303-CCT-L</u>	S-303-CCT-K
4	<u>P-304-CCT-L</u>	S-304-CCT-K
6	Discontinued	S-306-CCT-K
15	Discontinued	S-315-CCT-K
18	Discontinued	S-318-CCT-K
21	Discontinued	S-321-CCT-K
24	Discontinued	S-324-CCT-K
27	Discontinued	<u>S-327-CCT-K</u>
30 33	N/A Discontinued	N/A <u>S-333-CCT-K</u>

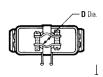
### RoHS

No. of ContactsCatalog No. Plug w/LockPlug DrawingCatalog No. Socket w/KeeperSocket Drawing

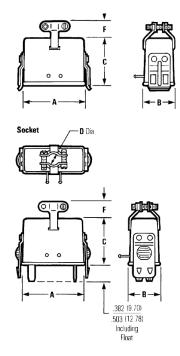
2	P-302H-CCT-L	Drawing	<u>S-302H-CCT-K</u>	<b>Drawing</b>
3	P-303H-CCT-L	<b>Drawing</b>	<u>S-303H-CCT-K</u>	<b>Drawing</b>
4	<u>P-304H-CCT-L</u>	Drawing	<u>S-304H-CCT-K</u>	<b>Drawing</b>
6	Discontinued		<u>S-306H-CCT-K</u>	<b>Drawing</b>

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### **Dimensions**

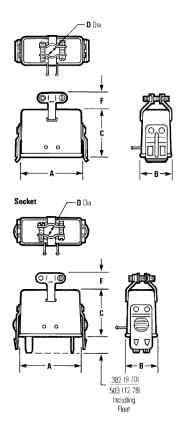






A±. (.41			.031 9mm)	F	"D" Cal	ole Opening	g Polarizing Pin
No. of Contactsin	mm in	mm in	mm	in mm	in	mm	
2 .691	17.5 -	95	3 24.21	1.3599.12	.375	9.53	_
3 1.03	3426.26.472	2 11.99.95	3 24.21	1.3599.12	.313	7.94	_
4 .786	5 19.96.724	18.39.95	3 24.21	1.46911.9	1.375	9.53	_
6 1.03	3626.31.724	18.391.0	7827.38	3.48412.29	9.438	11.13	_
15 1.79	9545.591.10	0027.941.8	5046.99	9.71218.0	8.563	14.30	NO
18 2.10	0753.521.10	0027.941.8	5046.99	9.71218.0	8.563	14.30	NO
21 2.42	2061.471.10	0027.941.8	5046.99	9.71218.08	8.625	15.88	NO
24 2.73	3269.391.10	0027.941.8	5046.99	9.71218.08	8.625	15.88	14
27 3.04	1577.341.10	0027.941.8	5046.99	9.71218.08	8.625	15.88	14
33 3.67	7093.221.10	0027.941.8	5046.99	9.71218.08	8.750	19.05	17

## **Mounting Dimensions**



	Α		В		C		D	
Reference	ein	mm	in	mm	in	mm	in	mm
303		11.51	11.016	525.81	.750	19.0	5-	-
304	.719	18.26	5.781	19.84	1.000	)25.40	)-	_
306	.719	18.26	51.031	126.19	1.000	)25.40	)_	_
315	1.016	525.81	11.641	141.68	31.375	534.9	3-	-
318	1.016	525.81	11.953	349.61	1.375	534.9	3.625	15.88
321	1.016	525.81	12.266	557.56	1.375	534.9	3.469	11.91
324	1.016	525.81	12.578	365.48	31.375	534.9	3.625	15.88
327	1.016	525.81	12.891	173.43	31.375	534.9	3.781	19.84
333	1.016	525.81	13.516	589.31	1.375	534.9	31.094	127.79

NOTE: For 300 Series 2 through 30 contact angle bracket connectors. All mounting holes are .156" (3.96mm) dia. Maximum chassis thickness is .063" (1.59mm) for bottom mounting. Mounting holes are located on center line unless otherwise shown.

## **Polarizing Patterns**

