

FEATURES

- For use in cable-to-cable and cable-to-panel applications.
- Designed for medium duty.
- Plug prongs are .250" (6.35mm) wide and .055" (1.40mm) thick.
- Socket contacts have solder eyelet contacts of .093" diameters.
- 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 are used for strain relief.
- Bifurcated bellows socket contact provides four individual flexing surfaces for maximum contact with the blade.
- Plugs and sockets have recessed pockets with barriers around the contacts.
- A shoulder extends around the face (mating) side of both plug and socket presenting a finished appearance when mounted in bracket or cap.
- Intermates with existing 400 Series Products on the market.
- UL Recognized - file - E17021B (UL1977) E130965 (1863).
- CSA - LR31996-2.
- Panel cutout dimensions (See page 2-57).

MATERIALS

Insulation Material: Molded monoblock, general purpose phenolic, black

Contact Material: Plug: Brass
Socket: Phosphor bronze

Contact Plating: Cadmium

Operating Temperature: Up to +105°C

Hood Material: Formed metal with dielectric liner in hood to prevent shorting

ELECTRICAL

Operating Voltage: 250 VAC RMS
Current Rating: 15 Amps
Current Resistance: 1.0 Milliohms maximum

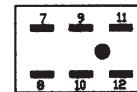
POLARIZING PATTERNS FOR SERIES 2400



2402



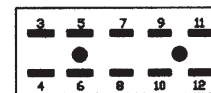
2404



2406



2408



2410



2412

Marketed exclusively through distribution.

2400 Series Less Angle Bracket

No. of Contacts	Catalog No. Plug	Catalog No. Socket
2	N/A	S-2402-LAB
4	P-2404-LAB	S-2404-LAB
6	P-2406-LAB	S-2406-LAB
8	P-2408-LAB	S-2408-LAB
10	P-2410-LAB	S-2410-LAB
12	P-2412-LAB	S-2412-LAB



Plug



Socket



Dimensions - Plug or Socket

No. of Contacts	M		L	
	in	mm	in	mm
2	.563	14.29	.656	16.67
4	1.000	25.40	1.094	27.78
6	1.438	36.51	1.531	38.89
8	1.875	47.63	1.969	50.01
10	2.313	58.74	2.406	61.12
12	2.750	69.85	1.844	46.83

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**Jones
Plugs/Sockets
Series 2400**

Multiple Density
Solder Eyelet
With Angle Bracket



2400 Series with Angle Bracket

No. of Contacts	Catalog No. Plug	Catalog No. Socket
2	N/A	S-2402-AB
4	P-2404-AB	S-2404-AB
6	P-2406-AB	S-2406-AB
8	P-2408-AB	S-2408-AB
10	P-2410-AB	S-2410-AB
12	P-2412-AB	S-2412-AB



Plug



Socket



Dimensions - Plug or Socket

No. of Contacts	M		L	
	in	mm	in	mm
2	.563	14.29	.656	16.67
4	1.000	25.40	1.094	27.78
6	1.438	36.51	1.531	38.89
8	1.875	47.63	1.969	50.01
10	2.313	58.74	2.406	61.12
12	2.750	69.85	2.844	72.24

Panel Cutout dimensions are on page 2-61.

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2400 Series with Shallow Bracket

No. of Contacts	Catalog No. Plug	Catalog No. Socket
2	N/A	S-2402-SB
4	P-2404-SB	S-2404-SB
6	P-2406-SB	S-2406-SB
8	P-2408-SB	S-2408-SB
10	P-2410-SB	S-2410-SB
12	P-2412-SB	S-2412-SB



2

Plug



Socket



Dimensions - Plug or Socket

No. of Contacts	L		M		R. Max.	
	in	mm	in	mm	in	mm
2	1.500	38.10	1.062	26.99	1.766	19.45
4	1.937	49.21	1.500	38.10	1.234	31.34
6	2.375	60.33	1.938	49.23	1.672	42.47
8	2.813	71.45	2.375	60.33	2.109	53.57
10	3.250	82.55	2.813	71.45	2.547	64.69
12	3.688	93.68	3.250	82.55	2.984	75.80

Panel Cutout dimensions are on page 2-61.

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2400 Series with Deep Bracket

No. of Contacts	Catalog No. Plug	Catalog No. Socket
2	N/A	S-2402-DB
4	P-2404-DB	S-2404-DB
6	P-2406-DB	S-2406-DB
8	P-2408-DB	S-2408-DB
10	P-2410-DB	S-2410-DB
12	P-2412-DB	S-2412-DB



Plug

Socket

Plug or Socket



Dimensions - Plug or Socket

No. of Contacts	B		L		M	
	in	mm	in	mm	in	mm
2	.922	23.42	1.750	44.45	1.313	33.35
4	1.359	34.53	2.188	55.58	1.750	44.45
6	1.797	45.64	2.625	57.53	2.188	55.58
8	2.234	56.74	3.063	77.79	2.625	66.68
10	2.672	67.87	3.500	88.90	3.063	77.80
12	3.109	78.97	3.938	100.03	3.500	88.90

Panel Cutout dimensions are on page 2-61.

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2400 Series with Hood and 90° Clamp

No. of Contacts	Catalog No. Plug	Catalog No. Socket
2	N/A	S-2402-CCE
4	P-2404-CCE	S-2404-CCE
6	P-2406-CCE	S-2406-CCE
8	P-2408-CCE	S-2408-CCE
10	P-2410-CCE	S-2410-CCE
12	P-2412-CCE	S-2412-CCE



Plug



Socket



Dimensions - Plug or Socket

No. of Contacts	L		C		Cable Opening	
	in	mm	in	mm	in	mm
2	.625	15.88	1.375	34.93	.375	9.53
4	1.062	26.99	1.375	34.93	.438	11.11
6	1.500	38.10	1.375	34.93	.438	11.11
8	1.937	49.21	1.344	34.13	.563	14.29
10	2.375	60.33	1.344	34.13	.563	14.29
12	2.813	71.45	1.312	33.34	.625	15.88

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2400 Series with Hood and 180° Clamp

No. of Contacts	Catalog No. Plug	Catalog No. Socket
2	N/A	S-2402-CCT
4	P-2404-CCT	S-2404-CCT
6	P-2406-CCT	S-2406-CCT
8	P-2408-CCT	S-2408-CCT
10	P-2410-CCT	S-2410-CCT
12	P-2412-CCT	S-2412-CCT



Plug



Socket



Dimensions - Plug or Socket

No. of Contacts	L		Cable Opening	
	in	mm	in	mm
2	.625	15.88	.313	7.94
4	1.062	26.99	.438	11.11
6	1.500	38.10	.438	11.11
8	1.937	49.21	.563	14.29
10	2.375	60.33	.563	14.29
12	2.813	71.45	.625	15.88

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**Panel Cutout Dimensions
Angle Bracket**

Reference	A		B		C	
	in	mm	in	mm	in	mm
P-2402-AB	--	--	--	--	--	--
S-2402-AB	1.188	30.16	1.008	25.60	1.015	25.78
P-2404-AB	--	--	--	--	--	--
S-2404-AB	1.625	41.28	1.445	36.70	1.015	25.78
P-2406-AB	--	--	--	--	--	--
S-2406-AB	2.063	52.40	1.886	47.83	1.015	25.78
P-2408-AB	--	--	--	--	--	--
S-2408-AB	2.500	63.50	2.320	58.93	1.015	25.78
P-2410-AB	--	--	--	--	--	--
S-2410-AB	2.938	74.63	2.758	70.05	1.015	25.78
P-2412-AB	--	--	--	--	--	--
S-2412-AB	3.375	85.73	3.195	81.15	1.015	25.78



**Panel Cutout Dimensions
Shallow Bracket**

Reference	A		B		C	
	in	mm	in	mm	in	mm
P-2402-SB	--	--	--	--	--	--
S-2402-SB	1.062	27.00	.813	20.64	1.156	29.37
P-2404-SB	--	--	--	--	--	--
S-2404-SB	1.500	38.10	1.250	31.75	1.156	29.37
P-2406-SB	--	--	--	--	--	--
S-2406-SB	1.938	49.22	1.688	42.86	1.156	29.37
P-2408-SB	--	--	--	--	--	--
S-2408-SB	2.376	60.34	2.125	53.98	1.156	29.37
P-2410-SB	--	--	--	--	--	--
S-2410-SB	2.812	71.44	2.563	65.10	1.156	29.37
P-2412-SB	--	--	--	--	--	--
S-2412-SB	3.250	82.56	3.000	76.20	1.156	29.37



**Panel Cutout Dimensions
Deep Bracket**

Reference	A		B		C	
	in	mm	in	mm	in	mm
P-2402-DB	--	--	--	--	--	--
S-2402-DB	1.312	33.34	.938	23.81	1.438	36.51
P-2404-DB	--	--	--	--	--	--
S-2404-DB	1.750	44.46	1.375	34.93	1.438	36.51
P-2406-DB	--	--	--	--	--	--
S-2406-DB	2.188	55.56	1.813	46.04	1.438	36.51
P-2408-DB	--	--	--	--	--	--
S-2408-DB	2.624	66.68	2.250	57.15	1.438	36.51
P-2410-DB	--	--	--	--	--	--
S-2410-DB	3.062	77.80	2.688	68.28	1.438	36.51
P-2412-DB	--	--	--	--	--	--
S-2412-DB	3.500	88.90	3.125	79.38	1.438	36.51



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