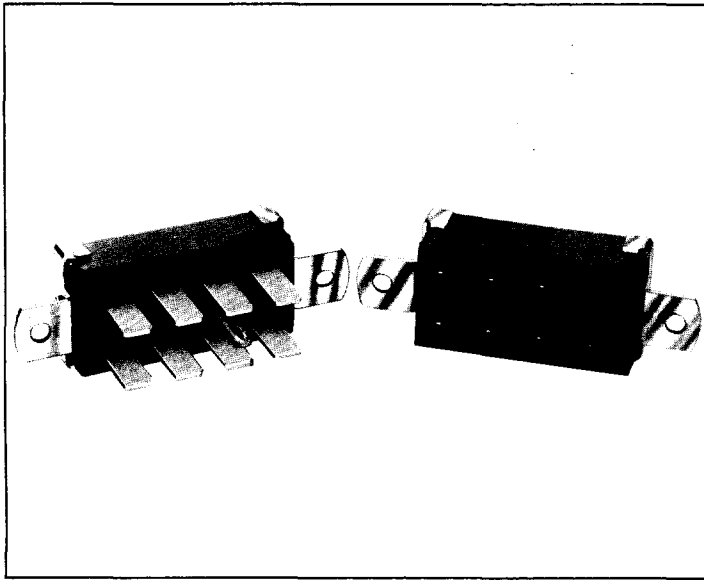


15 Amps/Series 4400



For mounting from rear of panel

Beau 4400 connectors may be prewired and installed from the rear of the chassis or panel. This is possible because there is no flange on the molded face. Beau 4400 units can be mated with all Beau 4400 and 5400 models, and are also compatible with "Series 2400 and 400 type" connectors. The many important features of the 4400 series are described in the introduction to this catalog (see pages 2 thru 4). Other data on this series is given on these two pages.

Pre-grounding: The 4400 series is also available in the pre-grounding style. Consult factory for details.

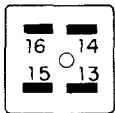
Electrical rating: Individual contacts are rated at 15 amps, 1750 volts rms. Current rating and voltage in excess of 250 volts ac or dc are rated according to applicable specifications for electrical equipment in which these connectors are used and with respect to operating temperatures.

Typical applications for 4400 connectors are traffic control equipment, industrial machinery, heating and cooling equipment, signal systems, etc.

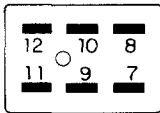
Contact orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is

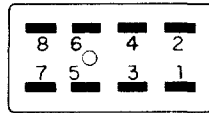
○ = polarizing position



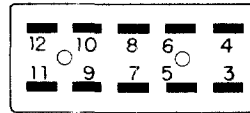
4404



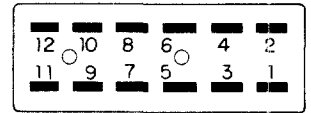
4406



4408



4410



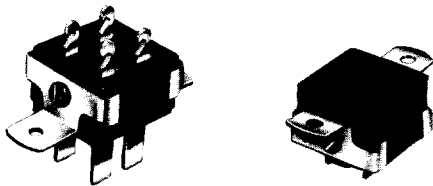
4412

the opposite. Orientation of 4400 pre-grounding contacts is identical to 5400 pre-grounding connectors (see page 17).

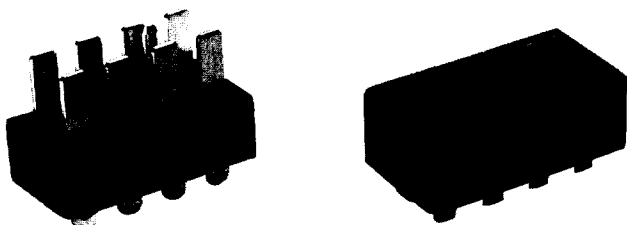
Panel mounting styles

Mounting hardware

- AB** Angle Bracket
- ABT** Angle Bracket Tapped (6-32)

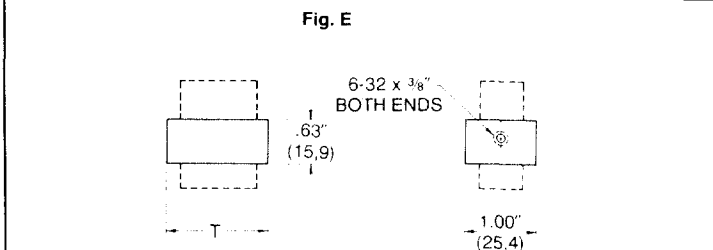
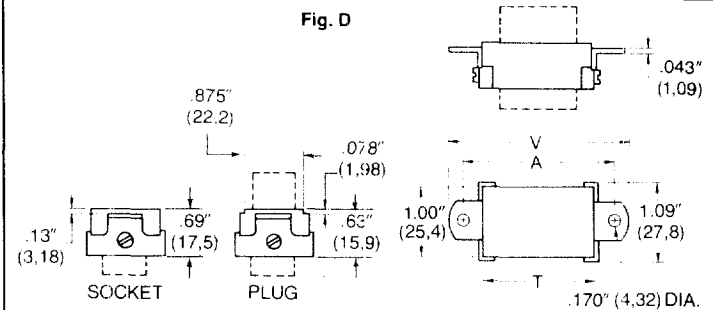


- LAB** Less Angle Bracket



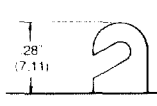
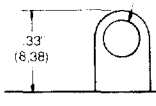
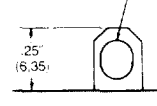
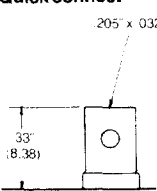
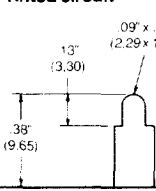
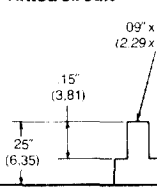
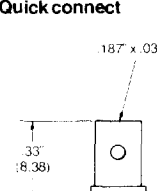
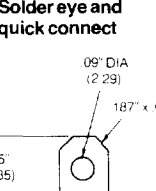
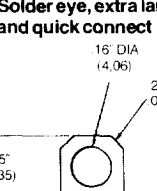
Connector dimension drawings

Dimensions: inches (mm)



Contact tails

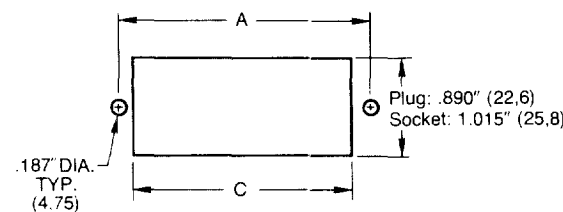
Vernitron offers the widest selection of contact tails — all available off the shelf. To specify, add sub-number to catalog number; example: P₂-4404. For solder hook contact tails (plugs only), no sub-number is needed.

P Solder hook 	P₃ Solder eye, large 	S₃ Solder eye, large 
P₁ Quick connect 	P₆ Printed circuit 	S₆ Printed circuit 
P₂ Quick connect 	S₁ Solder eye and quick connect 	S₂ Solder eye, extra large, and quick connect 

Figures in parenthesis are millimeters.

Specifications

Current rating, individual contacts	15 amps
Voltage rating, rms	1750 volts
No. of contacts	4 to 12; pre-grounding, 5 to 13
Plug contact material	Brass, cadmium plated
Plug contact dimensions (exposed contact surface)	.54" L x .25" W x .06" thick (13,7 x 6,4 x 1,5 mm)
Socket contact	Phosphor bronze, cadmium plated. Double-wipe contact engages both sides of plug contacts
Pre-grounding contact	Up to 30A at rated voltages; heavy-duty plated brass
Contact plating options (add dash number to catalog number)	-03: .0003" (8μm) silver -04: .000015" (0,4μm) gold over .0002" (5μm) nickel -05: .00001" (0,3μm) rhodium over .0002" (5μm) nickel
Base insulating material	High-grade phenolic, black
Angle bracket and screw material	Steel, bright nickel electroplated

No. of Contacts	Cat. No. Plug (P-), Socket (S-)	Connector dimensions				Panel mounting dimensions (suggested)				Panel dimension drawings (suggested) Dimensions: inches (mm)
		T		V		A		C		
		in.	mm	in.	mm	in.	mm	in.	mm	
4	4404	1.00	25,4	2.06	52,4	1.625	41,3	1.015	25,8	 <p>Fig. F</p> <p>.187" DIA. TYP. (4,75)</p> <p>Plug: .890" (22,6) Socket: 1.015" (25,8)</p>
6	4406	1.44	36,5	2.50	63,5	2.063	52,4	1.453	36,9	
8	4408	1.88	47,6	2.94	74,6	2.500	63,5	1.891	48,0	
10	4410	2.31	58,7	3.38	85,7	2.938	74,6	2.328	59,1	
12	4412	2.75	69,9	3.81	96,8	3.375	85,7	2.766	70,3	
4	4404	1.00	25,4	—	—	—	—	—	—	
6	4406	1.44	36,5	—	—	—	—	—	—	
8	4408	1.88	47,6	—	—	—	—	—	—	
10	4410	2.31	58,7	—	—	—	—	—	—	
12	4412	2.75	69,9	—	—	—	—	—	—	