

Preloaded Housings, .025 x .025 [0.64 x 0.64] Posted Contacts for Automatic Wiring

12, 24, 36, & 48 Position

Material and Finish

Housing — See Chart

Contact Body —

Brass Plated as follows

A — .000030 [0.00076] Gold over
.000050 [0.00127] Nickel

B — Gold Flash over .000050
[0.00127] Nickel on entire contact, with
additional .000030 [0.00076] Gold in
contact area

Contact Sleeve — Stainless Steel

Related Product Data

Contact Size — 20

Pin Diameter — .040 [1.02]

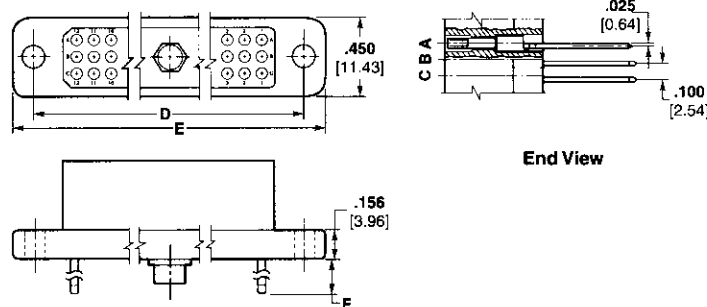
Current Rating — 3.0 Amperes
(20 AWG [0.5–0.6 mm²] wire)

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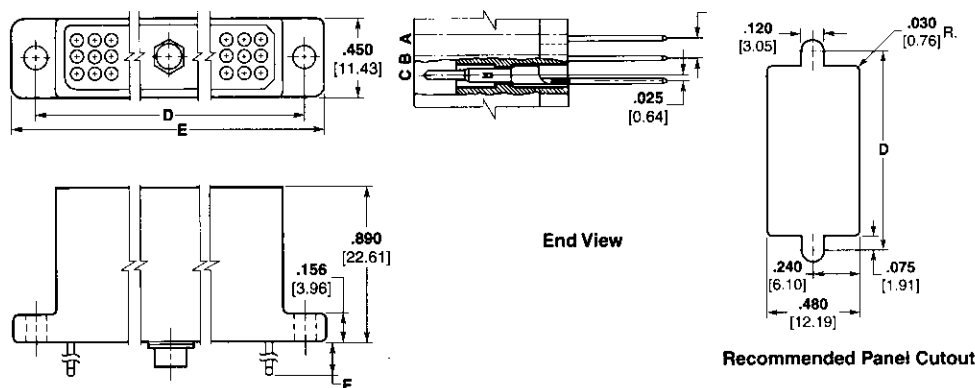
Mateable Connectors — Pages 5179
and 5180

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Plug Assembly



Receptacle Assembly



Pin and Socket Connectors

No. of Positions	Dimensions		Contact Finish	Max. Termination Per Post	Dim. F	Part Numbers			
	D	E				Plug Assembly Socket Contacts		Receptacle Assembly Pin Contacts	
						Phenolic	Diallyl Phthalate	Phenolic	Diallyl Phthalate
12	1.084 27.43	1.334 33.88	A	1	.242 6.15	—	—	—	2-204682-8
				3	.670 17.02	—	—	—	3-204682-0
24	1.484 37.69	1.734 44.04	A	1	.242 6.15	—	6-204683-4	1-204684-9	—
				3	.670 17.02	—	6-204683-6	2-204684-1	3-204684-0
			B	1	.242 6.15	6-204683-1	7-204683-0	—	—
				3	.670 17.02	6-204683-3	—	2-204684-7	—
36	1.884 48.85	2.134 54.20	A	1	.242 6.15	—	—	1-204686-9	2-204686-8
				3	.670 17.02	5-204685-7	6-204685-6	—	3-204686-0
			B	1	.242 6.15	—	—	—	3-204686-4
				3	.670 17.02	6-204685-3	7-204685-2	—	3-204686-6
48	2.284 58.01	2.534 64.36	A	1	.242 6.15	5-204687-5	—	—	2-204688-8
				3	.670 17.02	5-204687-7	6-204687-6	—	3-204688-0
			B	1	.242 6.15	—	7-204687-0	—	—
				3	.670 17.02	6-204687-3	7-204687-2	—	—

- Notes:** 1. Markings on receptacle assembly are on wiring side only.
2. In addition to combinations listed, all sizes are available with or without female jackscrews. Plugs are available with pins, and receptacles are available with sockets. Consult Tyco Electronics for details.
3. Fixed female jackscrews are included with these assemblies.