



**APPLICATION NOTES**

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| <ol style="list-style-type: none"> <li>1. Materials/Finishes:<br/>Shells - See Table II<br/>Insulators - High grade rigid dielectric/N.A.<br/>Contacts - Copper Alloy/Gold Plated</li> <li>2. Assembly to be identified with date code, cage code, Glenair P/N, and serial number</li> <li>3. Dimensions B and D taken from inside of shell for Pin/Plug and outside for Socket/Receptacle</li> </ol> | <ol style="list-style-type: none"> <li>4. Electrical Performance:<br/>Dielectric withstanding voltage class A and B: 100 VDC, all others: 500 VDC<br/>Insulation resistance: 5,000 megohms @ 100 VDC<br/>Current Rating Standard Density: 7.5 Amps max.<br/>Current Rating High Density: 5 Amps maximum</li> <li>5. Metric dimensions (mm) are indicated in parentheses</li> </ol> |
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247-167  
**D-Subminiature Connector, Right Angle**  
**EMI Filtered (MIL-DTL-24308 Type) European Footprint**



**TABLE I: DIMENSIONS**

Shell Size	Number of Contacts		A	B	C	D	E	F	G
			±.015 (0.38)	±.005 (0.13)	±.005 (0.13)	±.005 (0.13)	±.015 (0.38)	Max	Max
1	9P	15P	1.213 (30.8)	.666 (16.9)	.984 (25.0)	.329 (8.4)	.494 (12.5)	.769 (19.5)	.432 (11.0)
	9S	15S	1.213 (30.8)	.643 (16.3)	.984 (25.0)	.311 (7.9)	.494 (12.5)	.769 (19.5)	.432 (11.0)
2	15P	26P	1.541 (39.1)	.994 (25.2)	1.312 (33.3)	.329 (8.4)	.494 (12.5)	1.093 (27.8)	.432 (11.0)
	15S	26S	1.541 (39.1)	.971 (24.7)	1.312 (33.3)	.311 (7.9)	.494 (12.5)	1.635 (41.5)	.432 (11.0)
3	25P	44P	2.088 (53.0)	1.534 (39.0)	1.852 (47.0)	.329 (8.4)	.494 (12.5)	1.635 (41.5)	.432 (11.0)
	25S	44S	2.088 (53.0)	1.511 (38.4)	1.852 (47.0)	.311 (7.9)	.494 (12.5)	2.282 (58.0)	.432 (11.0)
4	37P	62P	2.729 (69.3)	2.182 (55.4)	2.500 (63.5)	.329 (8.4)	.494 (12.5)	2.282 (58.0)	.432 (11.0)
	37S	62S	2.729 (69.3)	2.159 (54.8)	2.500 (63.5)	.311 (7.9)	.494 (12.5)	2.282 (58.0)	.432 (11.0)

**TABLE III: CAPACITANCE RANGE**

Class	C-Circuit [pF]
A	19,000 - 28,000
B	16,000 - 22,500
C	9,000 - 16,500
D	4,000 - 6,000
E	1,650 - 2,500
F	400 - 650
G	200 - 300

**TABLE II: SHELL MATERIAL/FINISH**

Symbol	Material	Finish Description
J	Aluminum	Yellow Cadmium
M		Electroless Nickel
MT		NI-PTFE 1000 Hour Grey™ Nickel Fluorocarbon Polymer
ZN		Zinc Nickel

**TABLE IV: HARDWARE OPTIONS**

Symbol	Hardware
B	No Hardware
C	M3 Clinch Nut