



**APPLICATION NOTES**

- |   |   |
|---|---|
| <p>1. Assembly to be identified with Glenair's name, Part Number and date Code.</p> <p>2. Material/Finish:<br/>                 Shell: Aluminum Alloy/Black Anodized (Standard).<br/>                 Guide Pins, Hex Nut and Female Jackscrew:<br/>                 Stainless Steel/Passivate<br/>                 Washer: Cres.</p> | <p>3. Fiber Optic Terminus to be ordered separately (See Glenair Drawing #181-012-XXX).</p> <p>4. Backshell to be ordered separately (Consult Glenair for available Backshell).</p> <p>5. This Connector Receptacle is designed to be used with Glenair Part Number #180-066 (See Page H-10) Plug Connector.</p> <p>6. Metric dimensions (mm) are in parentheses.</p> |
|---|---|

180-065

8 Channel D-Subminiature Fiber Optic Receptacle  
for Glenair Front Release Pin Terminus 181-012



Custom  
Connector  
System

TABLE I: SHELL SIZE

Shell Size	A ±.010 (0.3)	B ±.010 (0.3)	C ±.005 (0.1)	D ±.010 (0.3)	E ±.010 (0.3)	F ±.010 (0.3)	G ±.010 (0.3)	Max F.O. Pins
9	1.208 (30.7)	.640 (16.3)	.984 (25.0)	.308 (7.8)	.498 (12.6)	.369 (9.4)	.725 (18.4)	4
15	1.545 (39.2)	.968 (24.6)	1.312 (33.3)	.308 (7.8)	.498 (12.6)	.369 (9.4)	.932 (23.7)	5
25	2.090 (53.1)	1.508 (38.3)	1.852 (47.0)	.308 (7.8)	.498 (12.6)	.369 (9.4)	1.479 (37.6)	8
50	2.640 (67.1)	2.062 (52.4)	2.406 (61.0)	.490 (12.4)	.610 (15.5)	.500 (12.7)	2.000 (50.8)	12

TABLE II: FINISH

SYM	MATERIAL	FINISH
C	Aluminum	Black Anodize
M	Aluminum	Electroless Nickel
NF	Aluminum	Cadmium, Olive Drab over Electroless Nickel
ZN	Aluminum	Zinc-Nickel, Olive Drab over Electroless Nickel
Z1	Stainless Steel	Passivate