

FRONT-RELEASE GFR Fiber Optic Connection System



Micro-D Rectangular 180-064 Socket Plug Connector



Micro-D form-factor GFR Socket Plug. Supports from one to eight GFR socket termini with insertion loss performance comparable to industry-standard MIL-PRF-29504. Precision-machined with integral alignment pin holes for optimum optical fiber alignment and low dB data loss performance. Available in aluminum and stainless steel. Termini sold separately. Supports single- and dual-O-ring termini.

MATERIAL AND FINISH

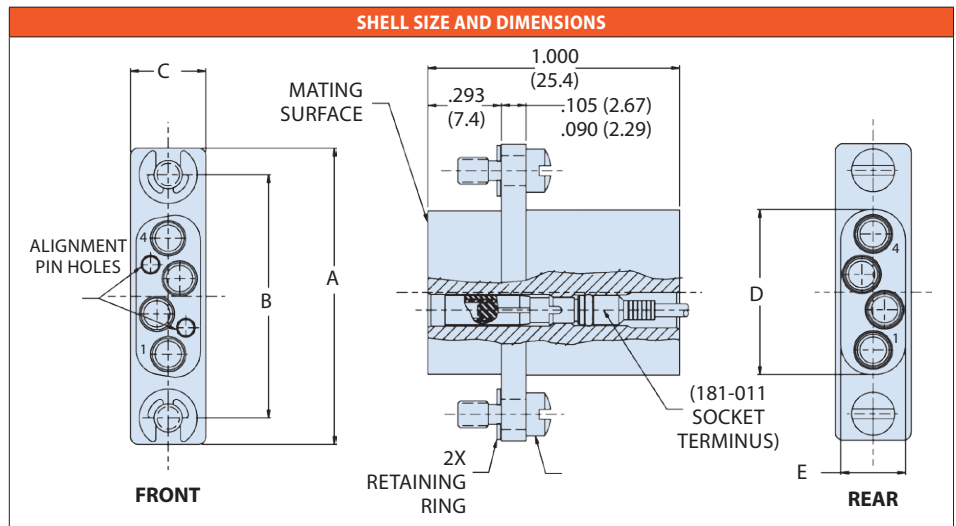
- Misc. Hardware: Stainless Steel/Passivate

NOTES

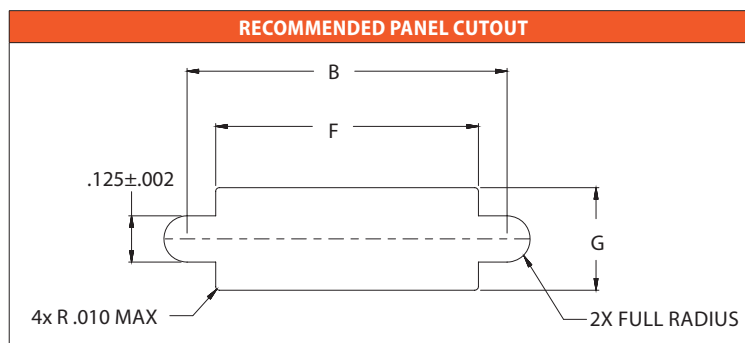
- For backshell drawings, see 189-155 (oval cable entry) and 189-156 (round cable entry).
- Backshells are to be used only with non-panel mount configurations.
- When jackpost hardware is specified, connector to be front-panel mounted only. Panel thickness is .125 (3.2) max.
- Fiber Optic Socket Termini to be ordered separately (see Glenair drawing 181-011).
- For mating receptacle connector, see Glenair drawing 180-063.

MATERIAL/FINISH		
Code	Material	Finish
C	Aluminum Alloy	Anodize, Black
M		Electroless Nickel
NF		Cadmium, Olive Drab over Electroless Nickel
ZN		Zinc-Nickel, Olive Drab, Over Electroless Nickel
Z1	Stainless Steel	Passivate

HOW TO ORDER					
Sample Part Number	180-064	-25	-4	M	-JP
Basic Number	Micro-D GFR fiber optic plug connector				
Shell Size Dash No.	See Shell Size table				
Insert Arrangement Dash No.	See Shell Size table				
Material/Finish Code	See Material and Finish table				
Attachment Hardware	-JP = Jackpost hardware Omit = Jackscrew hardware (standard)				



Shell Size	Insert Arrangement (Socket Count)	A ±.010 (0.25)	B ±.003 (0.08)	C ±.010 (0.25)	D ±.010 (0.25)	E ±.010 (0.25)	F ±.005 (0.13)	G ±.005 (0.13)
-9	-1	.775 (19.7)	.565 (14.4)	.298 (7.6)	.298 (7.6)	.255 (6.5)	.410 (10.4)	.270 (6.9)
-15	-2	.925 (23.5)	.715 (18.2)	.298 (7.6)	.530 (13.5)	.255 (6.5)	.560 (14.2)	.270 (6.9)
-21	-3	1.075 (27.3)	.865 (22.0)	.298 (7.6)	.680 (17.3)	.255 (6.5)	.710 (18.0)	.270 (6.9)
-25	-4	1.175 (29.8)	.965 (24.5)	.298 (7.6)	.654 (16.6)	.255 (6.5)	.810 (20.6)	.270 (6.9)
-31	-5	1.325 (33.7)	1.115 (28.3)	.298 (7.6)	.930 (23.6)	.255 (6.5)	.960 (24.4)	.270 (6.9)
-100	-8	2.160 (54.9)	1.800 (45.7)	.384 (9.8)	1.425 (36.2)	.322 (8.2)	1.455 (37.0)	.340 (8.6)



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