

# 180-071 (-4) Jam Nut Mount Receptacle Single Channel Connector Environmental Resistant for 181-002 Rear-Release Pin Termini

SuperNine® MIL-DTL-38999 Type



**Tight-tolerance 180-071 single-channel fiber optic jam nut mount receptacle connectors** are compatible with Size 16 snap-in, rear-release MIL-PRF-29504 pin termini (Glenair Series 181-002). Ultra miniature shell is precision-machined for optimum optical fiber alignment and low dB data loss performance. Backshell accessory threads support the wide range of Glenair fiber optic cable and conduit adapters. Keyed mating interface with five alternate polarizations protects against mis-mating.

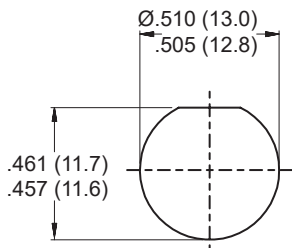
### MATERIAL AND FINISH

- Panel Seal, Interfacial Seal, Rear Gromet: Fluorosilicone
- Retention Clip: BeCu Alloy

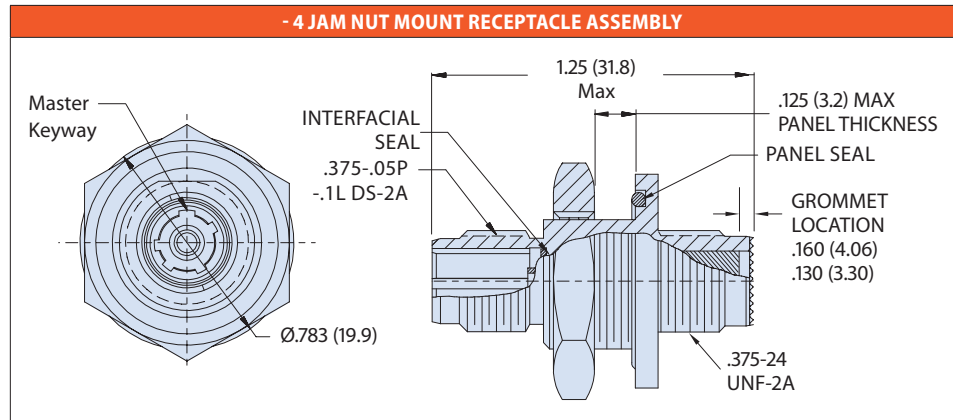
### NOTES

- Operating Temperature Range: -55°C to +125°C
- See Glenair drawing 181-002 for fiber optic pin terminus.
- Recommended Insertion/Extraction tool: P/N M81969/14-03 or equivalent

### RECOMMENDED PANEL CUTOUT JAM NUT MOUNT RECEPTACLE



HOW TO ORDER				
<b>Sample Part Number</b>	<b>180-071</b>	<b>-C</b>	<b>4</b>	<b>1</b>
<b>Basic Number</b>	Single channel fiber optic connector			
<b>Material/Finish</b>	See Material and Finish table			
<b>Jam Nut Receptacle</b>	<b>4</b>			
<b>Alternate Key Position</b>	<b>1, 2, 3, 4, &amp; 5</b> (See Keyway Polarizations table)			



MATERIAL AND FINISH		
Code	Material	Finish
<b>C</b>	Aluminum Alloy	Anodize, Black
<b>M*</b>		Electroless Nickel
<b>ME</b>		Electroless Nickel
<b>MT</b>		Nickel-PTFE, Gray
<b>NF</b>		Cadmium, Olive Drab, over Electroless Nickel
<b>TZ</b>		Tin-Zinc, Bronze-Gold
<b>ZN</b>		Zinc-Nickel, Olive Drab, over Electroless Nickel
<b>ZR</b>		Zinc-Nickel, Black
<b>ZN</b>		Zinc-Nickel, Olive Drab
<b>ZI</b>		Stainless Steel
<b>ZL</b>	Steel	Electro-Deposited Nickel

\*Inactive for new design. Use "ME" finish.

KEY POLARIZATIONS					
Pos	A°	B°	C°	D°	
<b>1</b>	95	141	208	300	
<b>2</b>	80	141	208	300	
<b>3</b>	95	141	223	300	
<b>4</b>	80	141	223	300	
<b>5</b>	95	141	208	275	