



# MIL-PRF-29504 Style Termini ARINC 600 / ARINC 404 (MIL-C-81659)



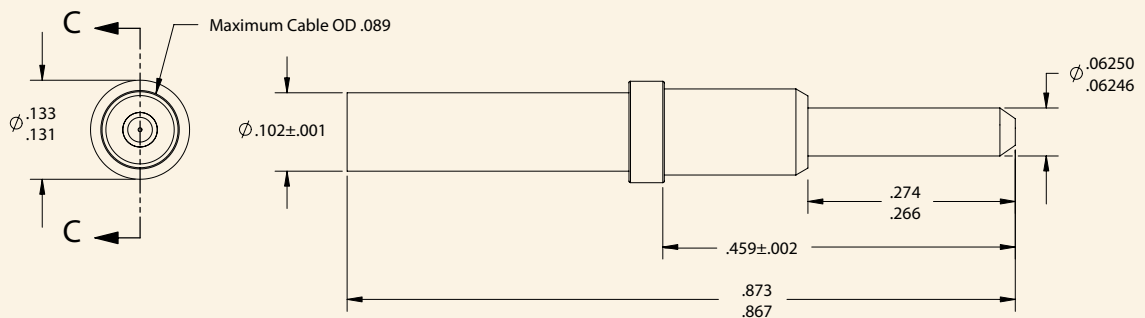
- Typical insertion loss of  $\leq 0.5$  dB Single-mode and  $\leq 0.3$  dB Multi-mode.
- Precision ceramic ferrules manufactured to less than 0.5 micron on all critical tolerances.
- Corrosion resistant steel metallic components.
- Standard configurations in-stock ready for same-day shipping.

High performance termini for use in ARINC 600 and ARINC 404 connectors. XiOptics terminus designs enable exceptional optical performance under the most demanding operating conditions.

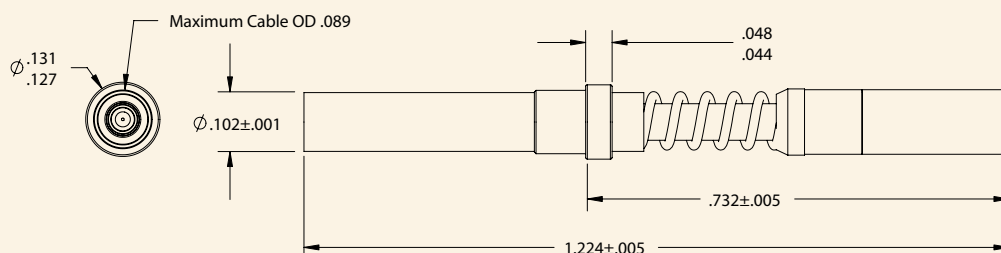
### Exclusive Advantages of XiOptics Style 2:

- Termination time: up to a 30% labor reduction when compared to Style 1 29504 terminus.
- Production yield: no requirement to process high temperature Kynar heat shrink strength member retainer, removes process sensitive step.
- In-the-field performance: extended rear body allows connector lip seals to interface to smooth cylindrical terminus body rather than Kynar shrink sleeve.

### MIL-PRF-29504/6 Style Pin Terminus XiOptics Part No. XOP29504-6-XX



### MIL-PRF-29504/7 Style Socket Terminus XiOptics Part No. XOS29504-7-XX



Dimensions in inches

# MIL-PRF-29504 Style Termini

## ORDERING INFORMATION for XiOptics Pin and Socket Termini:

XiOptics Part No.	Fiber Type	Ferrule Diameter Microns
XOP29504-6-SM-2200-1250-C2	Single-mode	125
XOP29504-6-SM-2200-1255-C2	Single-mode	125.5
XOP29504-6-SM-2200-1260-C2	Single-mode	126 (SM)
XOP29504-6-MM-2200-1260-C2	Multi-mode	126 (MM)
XOP29504-6-MM-2200-1270-C2	Multi-mode	127
XOP29504-6-MM-2200-1420-C2	Multi-mode	142
XOP29504-6-MM-2200-1560-C2	Multi-mode	156
XOP29504-6-MM-2200-1570-C2	Multi-mode	157
XOP29504-6-MM-2200-1730-C2	Multi-mode	173
XOP29504-6-MM-2200-2360-C2	Multi-mode	236
XOS29504-7-SM-2200-1250-C2	Single-mode	125
XOS29504-7-SM-2200-1255-C2	Single-mode	125.5
XOS29504-7-SM-2200-1260-C2	Single-mode	126 (SM)
XOS29504-7-MM-2200-1260-C2	Multi-mode	126 (MM)
XOS29504-7-MM-2200-1270-C2	Multi-mode	127
XOS29504-7-MM-2200-1420-C2	Multi-mode	142
XOS29504-7-MM-2200-1560-C2	Multi-mode	156
XOS29504-7-MM-2200-1570-C2	Multi-mode	157
XOS29504-7-MM-2200-1730-C2	Multi-mode	173
XOS29504-7-MM-2200-2360-C2	Multi-mode	236

Materials & Finishes	
Ferrule	Zirconia Ceramic
Alignment Sleeve	Zirconia Ceramic
Compression Spring	Stainless Steel, Passivated
Terminus Components	Stainless Steel, Passivated

Accessories & Tools	
Description	Part No.
Ceramic Alignment Sleeve	XOSS0002
Alignment Sleeve Hood	XOHB0002
Insertion/Removal Tool	M81969/14-03 (Plastic)
Insertion Tool	M81969/8-07 (Metal)
Removal Tool	M81969/8-08 (Metal)



Harsh Environment Optical Solutions

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