



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



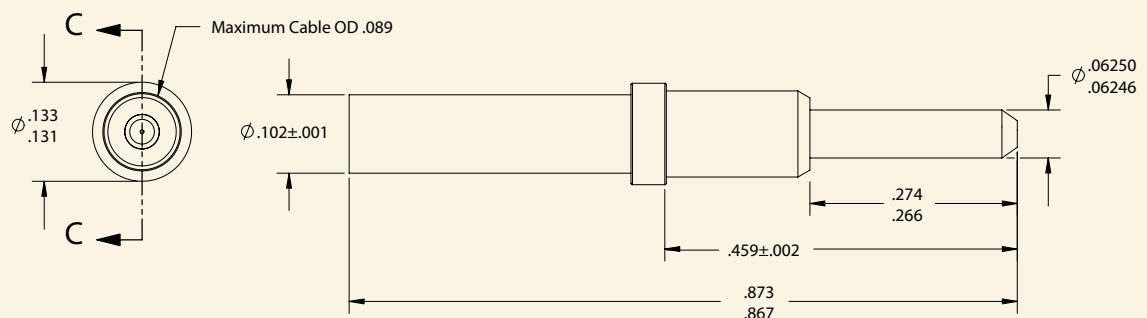
- Typical insertion loss of ≤ 0.5 dB Single-mode and ≤ 0.3 dB Multi-mode.
- Precision ceramic ferrules manufactured to less than 0.5 micron on all critical tolerances.
- Corrosion resistant steel metallic components.
- Standard configurations in-stock ready for same-day shipping.

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

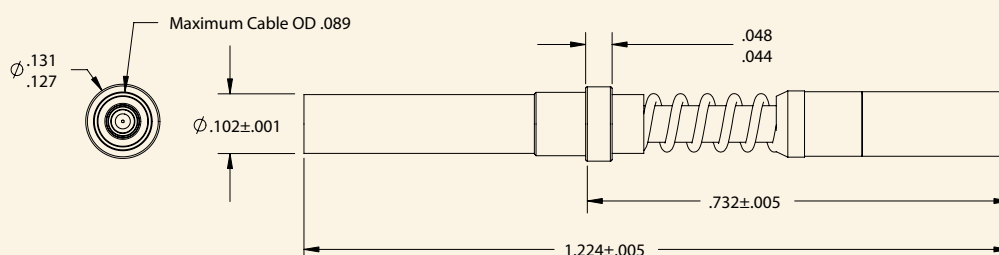
Exclusive Advantages of XiOptics Style 2:

- Termination time: up to a 30% labor reduction when compared to Style 1 29504 termini.
- 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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