

181-053 Size 16 Fiber Optic Jewel Socket Terminus MIL-DTL-38999 Type



Fiber Optic

D38999
Series III

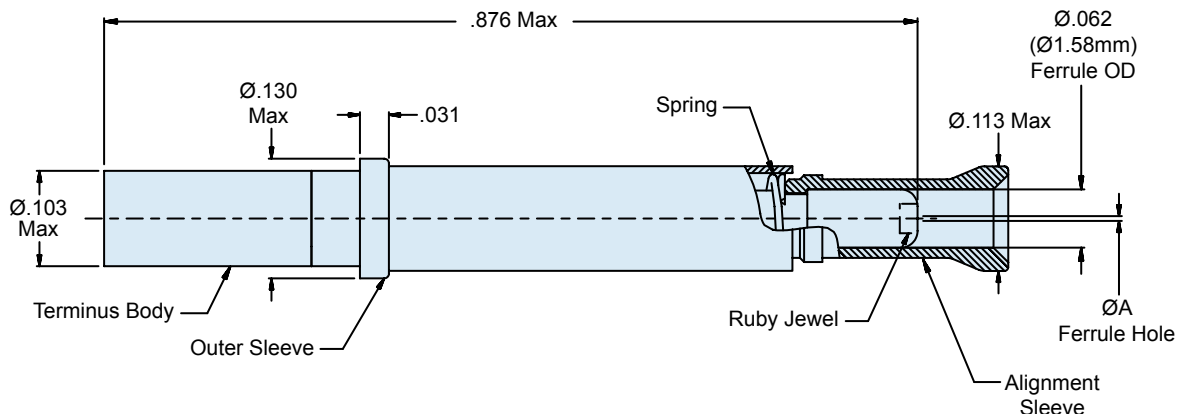
Fiber Optic Jewel Socket Terminus for MIL-DTL-38999 Type Connectors



Part Number	Ferrule Hole Ø A (Microns)	Typical Fiber Size Core/Cladding/ Coating (Microns)
181-053-125	125.0	9/125 (Single Mode)
181-053-127	127.0	50/125, 62.5/125
181-053-142	142.0	100/140
181-053-157	157.0	62.5/125/155
181-053-175	175.0	100/140/172
181-053-236	236.0	200/230

Add **L** to the end of part number development to supply less epoxy preforms e.g. [181-053-127L](#). Omit to include preforms.

Terminus Accessories	
Part Number	Terminus Accessory
189-070-6	Reducing Sleeve Ø1.90mm Max Cable Jacket
189-075	Alignment Sleeve
182-031	Alignment Sleeve Installation Tool
182-032	Alignment Sleeve Extraction Tool



Material and Finish

Terminus Body: Stainless Steel/Passivate
Jewel/Ruby: Synthetic Ruby or Sapphire
Alignment Sleeve: Stainless Steel/Passivate
Outer Sleeve: Stainless Steel/Passivate
Spring: Stainless Steel/Passivate.

Accessories and Assembly Notes

Alignment Sleeve, Outer Sleeve, and Spring packaged loose with assembly.
Recommended insertion/extraction tool: M81969/14-03 or equivalent.