

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



Fiber Optic

D38999  
Series III

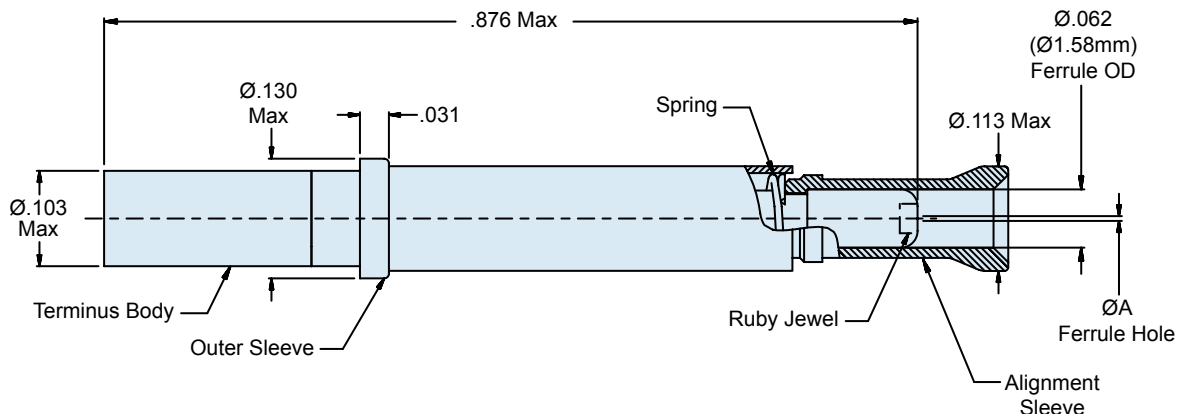
## Fiber Optic Jewel Socket Terminus for MIL-DTL-38999 Type Connectors



| Part Number                 | Ferrule Hole<br>Ø A (Microns) | Typical Fiber Size<br>Core/Cladding/<br>Coating (Microns) |
|-----------------------------|-------------------------------|-----------------------------------------------------------|
| <a href="#">181-053-125</a> | 125.0                         | 9/125 (Single Mode)                                       |
| <a href="#">181-053-127</a> | 127.0                         | 50/125, 62.5/125                                          |
| <a href="#">181-053-142</a> | 142.0                         | 100/140                                                   |
| <a href="#">181-053-157</a> | 157.0                         | 62.5/125/155                                              |
| <a href="#">181-053-175</a> | 175.0                         | 100/140/172                                               |
| <a href="#">181-053-236</a> | 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                             |
| <a href="#">189-070-6</a> | Reducing Sleeve<br>Ø1.90mm Max<br>Cable Jacket |
| <a href="#">189-075</a>   | Alignment Sleeve                               |
| <a href="#">182-031</a>   | Alignment Sleeve<br>Installation Tool          |
| <a href="#">182-032</a>   | Alignment Sleeve<br>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.