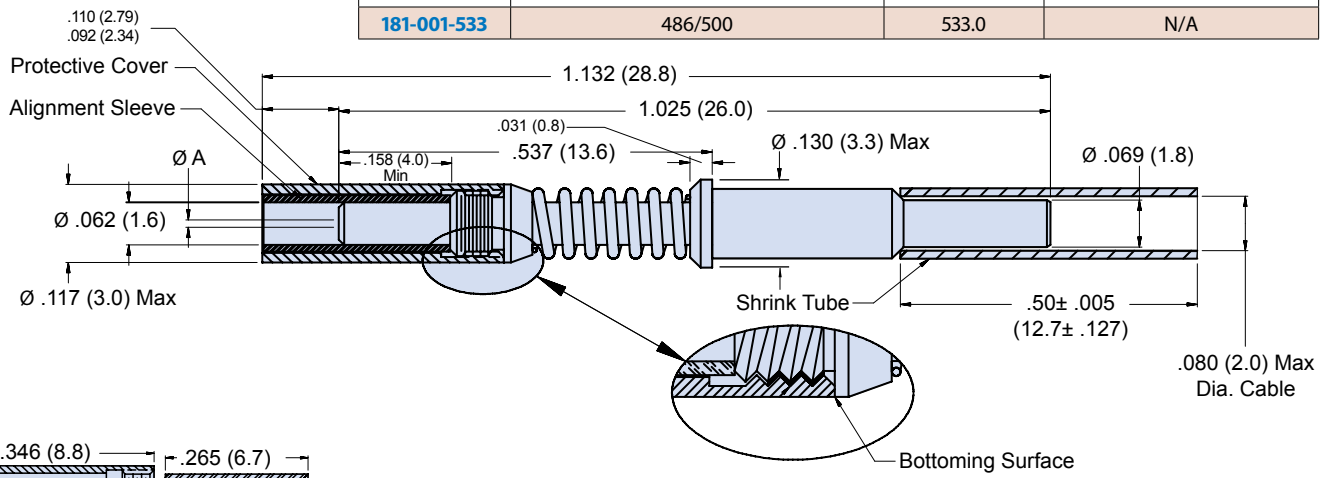
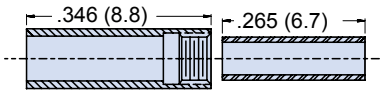
# 181-001 • M29504/05 Size #16 fiber optic socket terminus

## MIL-DTL-38999 Series III type

### ULTRA LOW DB LOSS QPL'D SOCKET TERMINUS FOR MIL-DTL-38999 SERIES III

| Part Number | Fiber Size Core/Cladding/Coating (Microns) | Ø A (Microns) | Ref. M29504/05-XXXX |
|---|---|---|---|
| 181-001-125 | 9/125 (Singlemode) | 125.5 | M29504/05-4237 |
| 181-001-126S | 9/125 (Singlemode) | 126.0 | M29504/05-4238 |
| 181-001-126 | 50/125 & 62.5/125 | 126.0 | M29504/05-4239 |
| 181-001-127 | 50/125 & 62.5/125 | 127.0 | M29504/05-4046 |
| 181-001-142 | 100/140 | 142.0 | M29504/05-4049 |
| 181-001-144 | 100/140 | 144.0 | N/A |
| 181-001-145 | 100/140 | 145.0 | M29504/05-4050 |
| 181-001-156 | 62.5/125/155 (Polyimide) | 156.0 | M29504/05-4240 |
| 181-001-157 | 62.5/125/155 (Polyimide) | 157.0 | M29504/05-4241 |
| 181-001-173 | 100/140/172 (Polyimide) | 173.0 | M29504/05-4088 |
| 181-001-175 | 100/140/172 (Polyimide) | 175.0 | M29504/05-4242 |
| 181-001-231 | 200/230 | 231.0 | N/A |
| 181-001-236 | 200/233 | 236.0 | M29504/05-4243 |
| 181-001-286 | 200/280 | 286.0 | M29504/05-4244 |
| 181-001-448 | 400/440 | 448.0 | M29504/05-4245 |
| 181-001-533 | 486/500 | 533.0 | N/A |




Ceramic alignment sleeve supplied with terminus. Add K to the end of part number development to supply with optional stainless steel alignment sleeve *e.g. 181-001-126**K***.

| Accessories | |
|---|---|
| Part Number | Description |
| 181-001-S | Ceramic Alignment Sleeve |
| 181-001-K | Stainless Steel Alignment Sleeve |
| 181-001-C | Protective cover |

### NOTES

1. Alignment Sleeve & Protective Cover can also be ordered separately Accessories Table.
2. See assembly procedure GAP-015 for complete termination instructions.
3. Recommended Insertion/Extraction tool: P/N M81969/14-03 or equivalent
4. Material and Finish
   - Ferrule: Zirconia Ceramic
   - Alignment Sleeve: Zirconia Ceramic or Stainless Steel/Passivate.
   - Terminus Assembly: Stainless Steel/Passivate
   - Spacer, Spring, and Cover: Stainless Steel/Passivate
   - Shrink Tube: Kynar

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