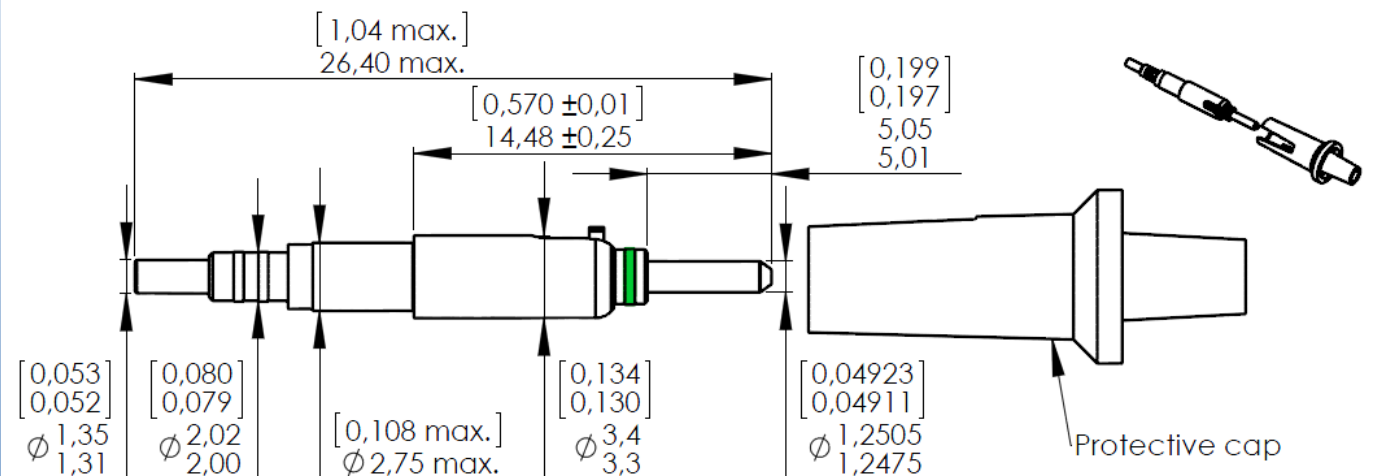


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Dimensions: mm [inches]

## GENERAL

**Type:** LuxCis® ARINC 801 fiber optic contact  
Monokey contact for 900µm cable  
APC Single Mode Zirconia ferrule Ø1.25mm  
Compatible with EPX®-EN4644, NSX-ARINC 600, MIL-DTL-38999, LxC-R® and other connectors.

**Ferrule inner diameter:** Ø125.3µm

**Fiber size:** 9.3/125µm Single Mode

**Buffer size:** Ø900µm Max.

**Insertion/extraction:** Use the tool 282 515 Standard M81969/14-03.  
Refer to 503 08 595 Insertion & extraction procedure.

**Termination:** 503 08 770 Termination & polishing procedure.

## CHARACTERISTICS (Dependent on cable or fiber construction)

**Optical:** Insertion loss (IEC 61300-3-4 method B) : 0.20 dB mean  
0.12 dB Stand.dev.  
Return loss (IEC 61300-3-6) : >60 dB APC

**Mechanical:** Endurance : Up to 500 matings depending on connector  
Cable retention : 7 N

**Environmental:** Functional temperature range : -55°C / +125°C

Part	Material	Finish
Body	Copper alloy per SAE-C38500	Electroless nickel per SAE-AMS-QQN 290 - Class 2 - 40 to 120 µin
Ferrule	Zirconia (ZrO2)	N/A
Ferrule holder	Copper alloy per SAE-C38500	Electroless nickel per SAE-AMS-QQN 290 - Class 2 - 40 to 120 µin
Spring	Stainless steel per SAE-AMS5688	N/A
Protective cap	High density polyethylene	N/A