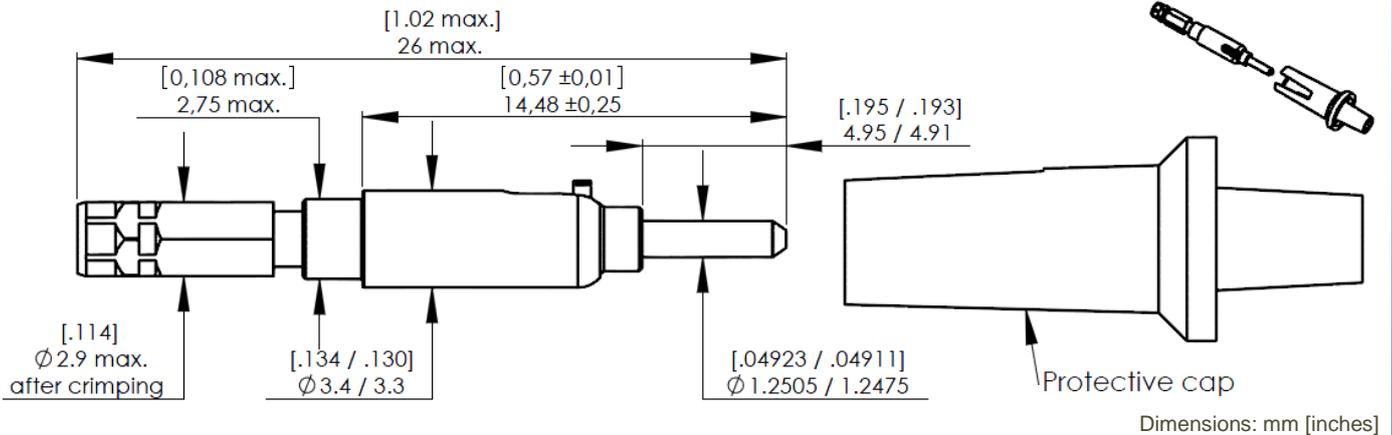


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GENERAL

Type: LuxCis® MT ARINC801 fiber optic contact
 MT: Monokey contact for ultra Tight structure cable
 PC Multimode Zirconia ferrule Ø1.25mm
 Compatible with EPX®-EN4644, NSX-ARINC 600, MIL-DTL-38999, LxC-R® and other connectors.

Ferrule inner diameter: Ø128µm
Fiber size: 50/125 & 62.5/125µm Multimode
Buffer size: Ø900µm Max.
Cable size & type: Ø1.8mm simplex ultra tight

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) : 0.10 dB mean
 0.07 dB Stand.dev
 Return loss (IEC 61300-3-6) : >20 dB

Mechanical: Endurance : Up to 500 matings depending on connector
 Cable retention : 68 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 µm
Ferrule	Zirconia (ZrO2)	N/A
Ferrule holder	Copper alloy per SAE-C38500	Electroless nickel per SAE-AMS-QQN 290 - Class 2 - 40 to 120 µm
Spring	Stainless steel per SAE-AMS5688	N/A
Crimping sleeve	Copper alloy per SAE-C36000	Electroless nickel per SAE-AMS-QQN 290 - Class 2 - 80 to 120 µm
Protective cap	High density polyethylene	N/A