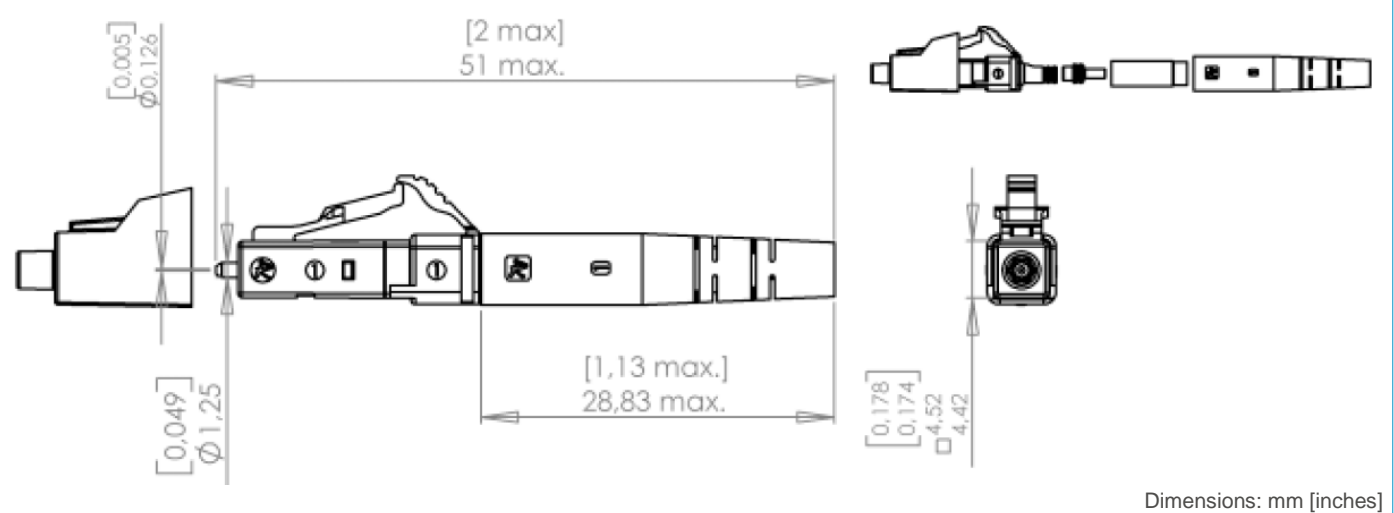


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GENERAL

**Type:** IEC 61754-20 (LC)  
Singlemode Zirconia ferrule  
RJ-45 latching connector system

**Ferrule inner diameter:** Ø126µm

**Fiber size:** Ø9/125µm Singlemode

**Cable size & type:** Ø3mm Simplex

**Termination:** Refer to 503.08.500 assembly instruction manual

**Color:** BLUE

CHARACTERISTICS (Dependent on cable or fiber construction)

**Optical:**

Attenuation at 1300nm and 1550nm  
Insertion loss (IEC 61300-3-4 method B) : ≤0.10dB Mean  
≤0.05dB Stand.dev  
Attenuation of random mated connectors  
(IEC 61300-3-4): ≤0.10dB Mean  
≤0.07dB Stand.dev

Return loss (IEC 61300-3-6) : >35dB PC  
>40dB SPC  
>50dB UPC

**Mechanical:**

Vibration tests: 10 to 55 Hz, 1.5mm (peak to peak), 2Hr/axis  
Impact test: 1.5m drop, 8 cycles  
Endurance : 200 matings  
Cable retention : 68 N

**Environmental:**

Storage temperature range: -40°C / +85°C  
Operating temperature range: -40°C / +70°C  
Thermal cycle test: -40°C / +75°C, 21 Cycles, 168Hr  
Humidity/Condensation cycling test: 95%RH, -10°C / +65°C, 14 cycles, 168Hr

(Performance and specification: see document GEN\_F727 001)