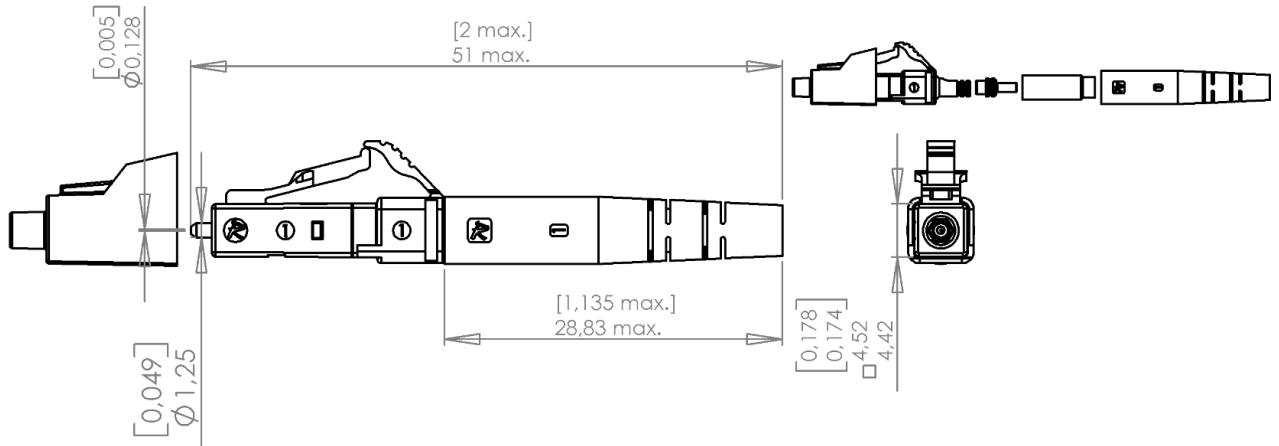


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Dimensions: mm [inches]

**GENERAL**

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

**Ferrule inner diameter:** Ø128µm

**Fiber size:** Ø62.5/125µm Multimode

**Cable size & type:** Ø3.00mm Simplex

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

**Color:** Outer plug body : BEIGE  
Boot : AQUA

**CHARACTERISTICS** (Dependent on cable or fiber construction)

**Optical:**

- Attenuation at 850nm and 1300nm
- 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) : >20dB

**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**)