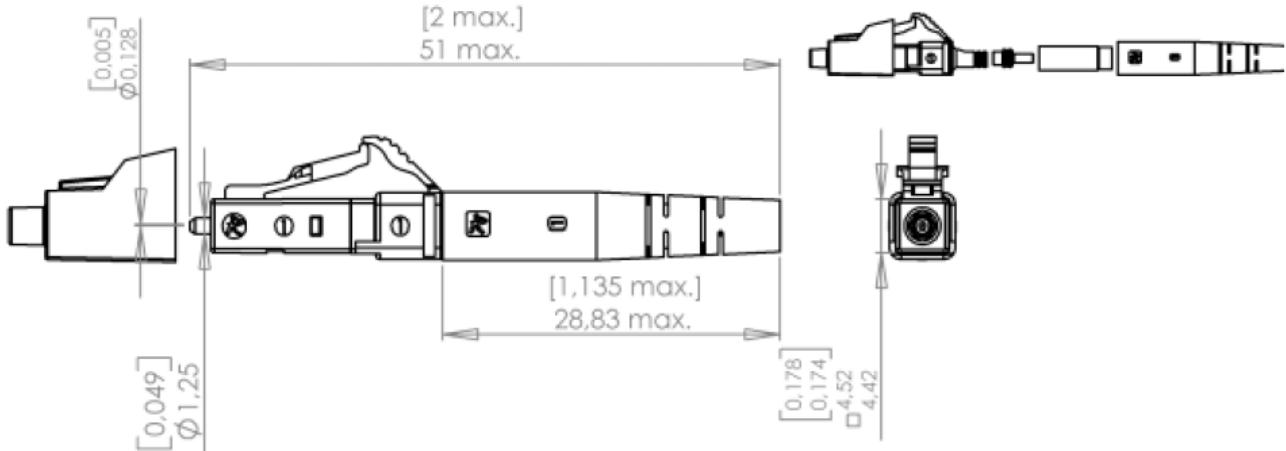


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Dimensions: mm [inches]

## GENERAL

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

**Ferrule inner diameter:** Ø128 $\mu$ m

**Fiber size :** 62.5/125 $\mu$ m Multimode

**Cable size & type:** Ø3mm Simplex

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

**Color:** BEIGE

## 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 61300-3-34): ≤0.10 dB Mean  
 ≤0.07dB Stand.dev

Return-Loss: (IEC 61300-3-6): >20dB PC

**Mechanical:** Vibration tests: 10 to 55 Hz , 1,5 mm (peak to peak), 2 Hr/axis  
 Impact test: 1,5 m drop, 8 cycles  
 Endurance: 200 matings

Cable retention: 68N

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

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