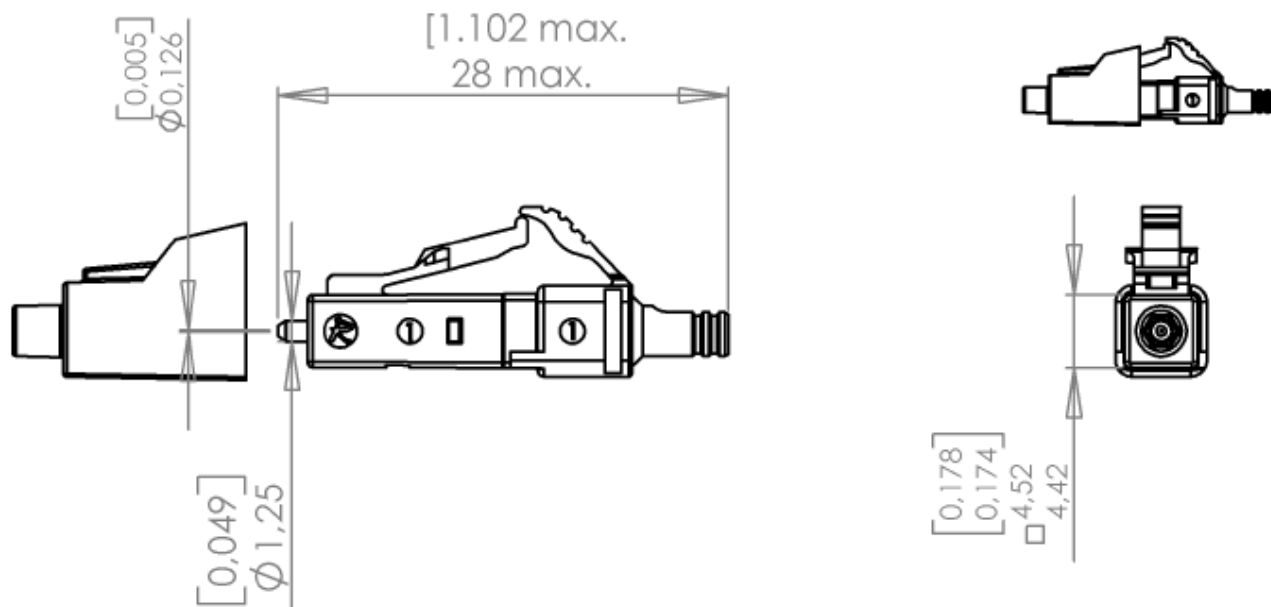


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Dimensions: mm [inches]

GENERAL

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

Ferrule inner diameter: Ø126µm

Fiber size: 9/125µm Singlemode

Cable size & type: Ø1.6 to 3mm Simplex

Termination: Refer to 503.08.500 assembly instruction manual

Color: GREEN

CHARACTERISTICS (Dependent on cable or fiber construction)

Optical: Attenuation at 1300 nm and 1550 nm
Insertion loss (IEC 61300-3-4 method B): ≤0.15dB Mean
≤0.12dB Stand.dev
Attenuation of random mated connectors (IEC 61300-3-34): ≤0.15 dB
≤0.10dB

Return-Loss: (IEC 61300-3-6): >60dB APC

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
Humidity / Condensation cycling test: 95% RH , -10°C / +65°C , 14 cycles , 168 Hr

(Performance and specification: see document **GEN_F727 001**)