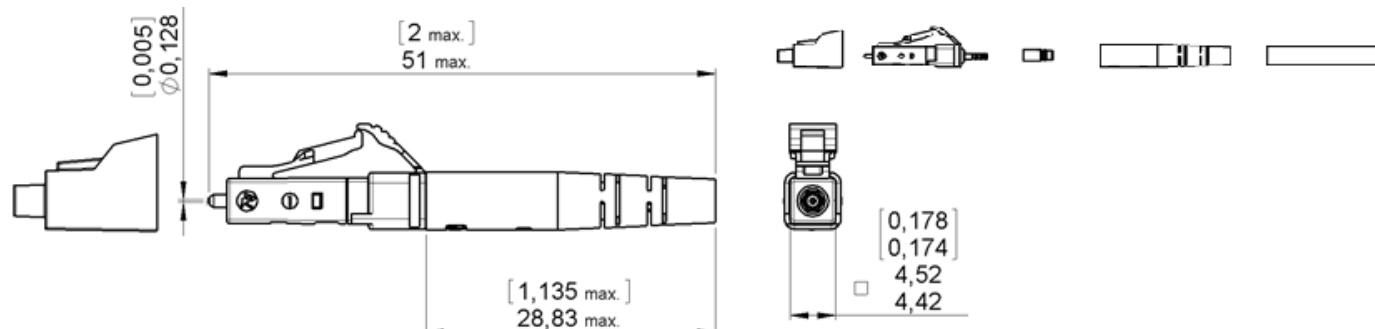


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ISSUE **04-06-13**

SERIES **LC**

PART NUMBER **F727003500Y**



Dimensions: mm [inches]

GENERAL

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

Ferrule inner diameter: Ø128µm

Fiber size: 50/125µm or 62.5/125µm Multimode

Cable size & type: Ø1.6 – 2.2mm Simplex aerospace grade, loose structure

Termination: Refer to 503.08.640 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) : ≤0.5dB 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 : 68 N

Environmental:

Storage temperature range: -55°C / +125°C*
Operating temperature range: -55°C / +125°C
Humidity/Condensation cycling test: 95% RH, -10°C to + 65°C, 14 cycles, 168 Hr

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

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*Except Cap and Packing