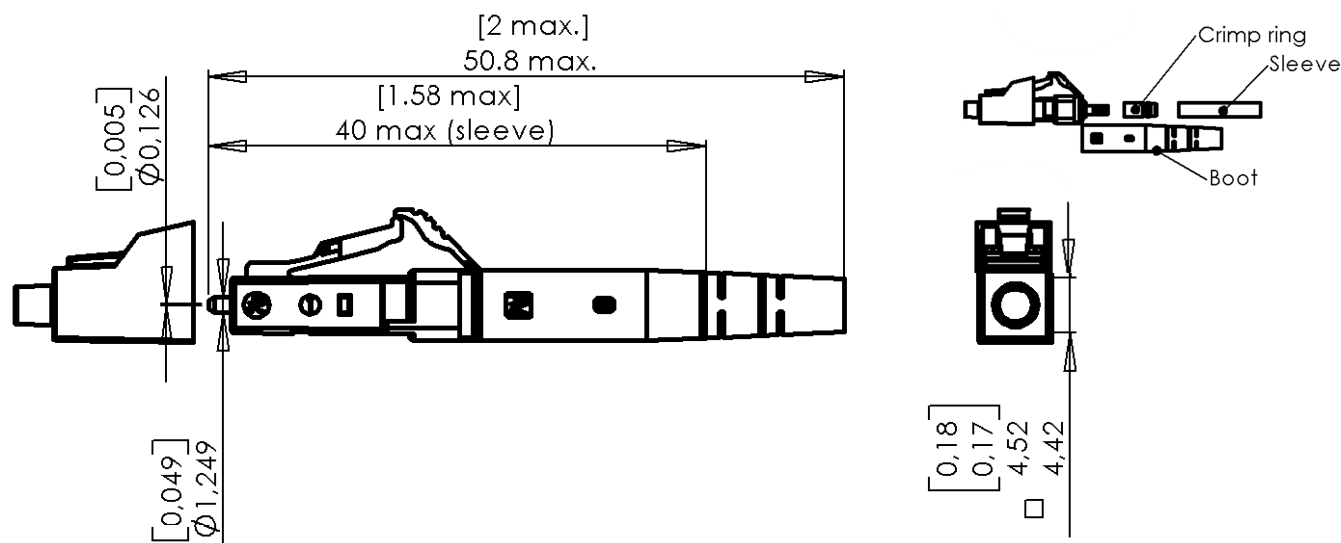


PAGE 1/1	ISSUE 04-06-13	SERIES LC	PART NUMBER F727002520Y
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Dimensions: mm [inches]

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: Ø1.7 to 2.0mm simplex ultra tight

Termination: Refer to 503.08.640 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) : ≤0.5 dB Stand.dev

Return loss (IEC 61300-3-6) : >50 dB UPC

Mechanical:

Vibration tests : 10 to 55Hz, 1.5mm (peak to peak), 2 Hr/axis
Impact test : 1.5m 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
Thermal cycle test : -40°C to +75°C, 21 cycles, 168Hr
Humidity/Condensation cycling test : 95% RH, -10°C to + 65°C, 14 cycles, 168 Hr

(Performance and specification: see document GEN_F727 001)

*Except Cap and Packing