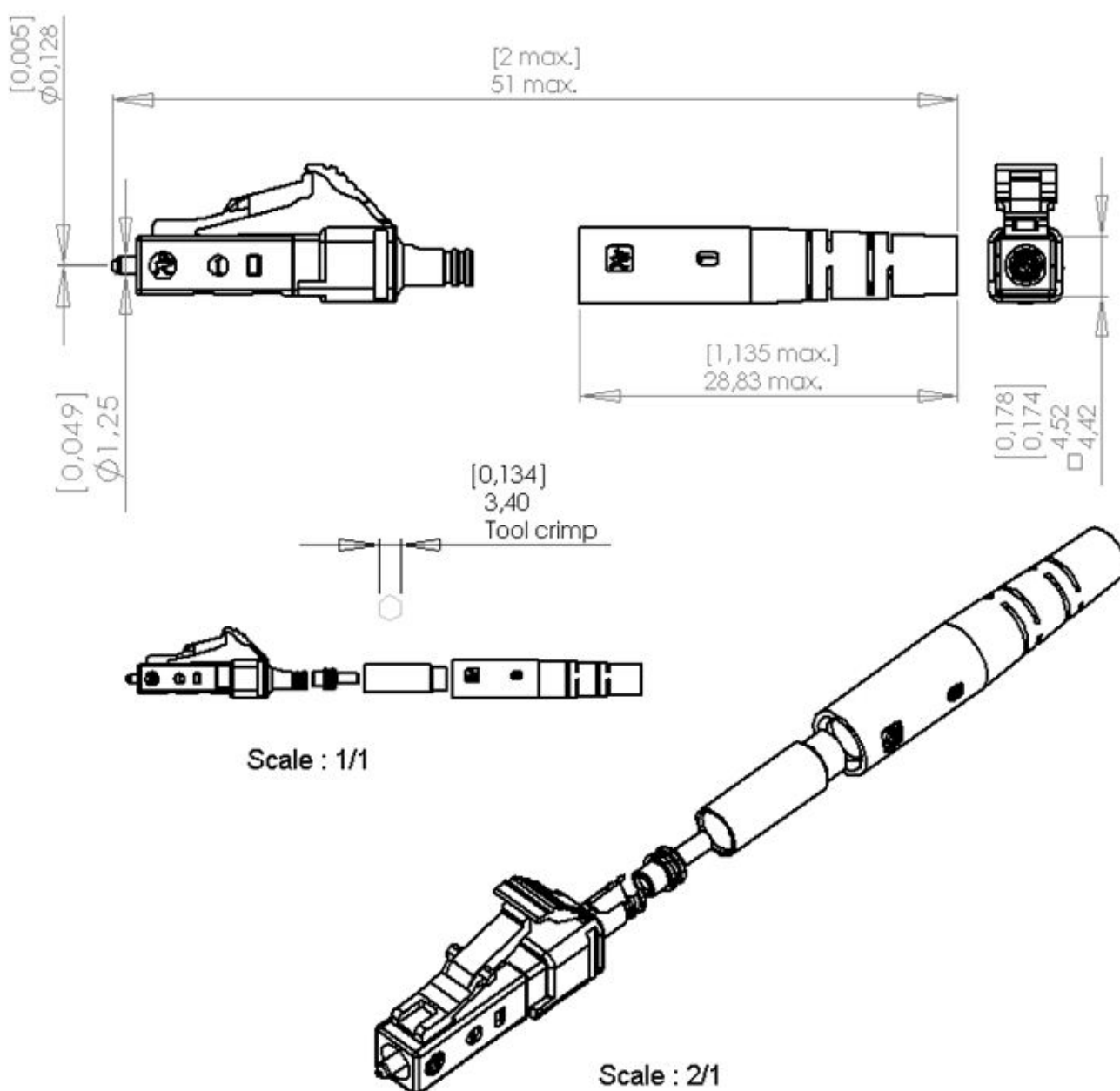


RADIALL 	TECHNICAL DATA SHEET	F727.003.500Y			
LC SIMPLEX PC MULTIMODE OPTICAL PLUG FOR Ø2 MM CABLE		Packaging 1	Series LC	Issue 10 may 06 03/06/2012	Page 1 / 2
Outer plug body : color BEIGE		Monobloc			

Original dimensions in mm [inch]



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GENERAL

- ❑ **TYPE**

IEC 61754-20 (LC)
Multimode Zirconia ferrule
RJ –45 latching connector system
- ❑ **FERRULE SIZE**

128 µm
- ❑ **FIBER SIZE**

62.5/125 µm or 50/125 µm multimode
- ❑ **CABLE SIZE & TYPE**

Ø 1,6 -2,2 mm Simplex aerospace grade, loose structure
- ❑ **CABLING PROCEDURE**

Refer to 503 08 640 assembly instruction manual

CHARACTERISTICS (Depending on fibre or cable construction)

- ❑ **OPTICAL**

Attenuation at 850 nm and 1300 nm
Attenuation plug mated with reference plug : IEC 61300-3-4 Method B

PARAMETER	STD
Max	≤ 0.50 dB

Return-Loss Maximum loss variation : IEC 61300-3-6

	RL
PC	> 20 dB

- ❑ **MECHANICAL**

Vibration test 10 to 55 Hz , 1,5 mm (peak to peak) , 2 Hr/axis
Impact test 1,5 m drop , 8 cycles
Mechanical Endurance 200 matings
Cable retention 68 N
- ❑ **ENVIRONMENTAL**

Storage temperature range -55°C to +125 °C*
Operating temperature range -55 °C to +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)

**Except Cap and Packing*

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