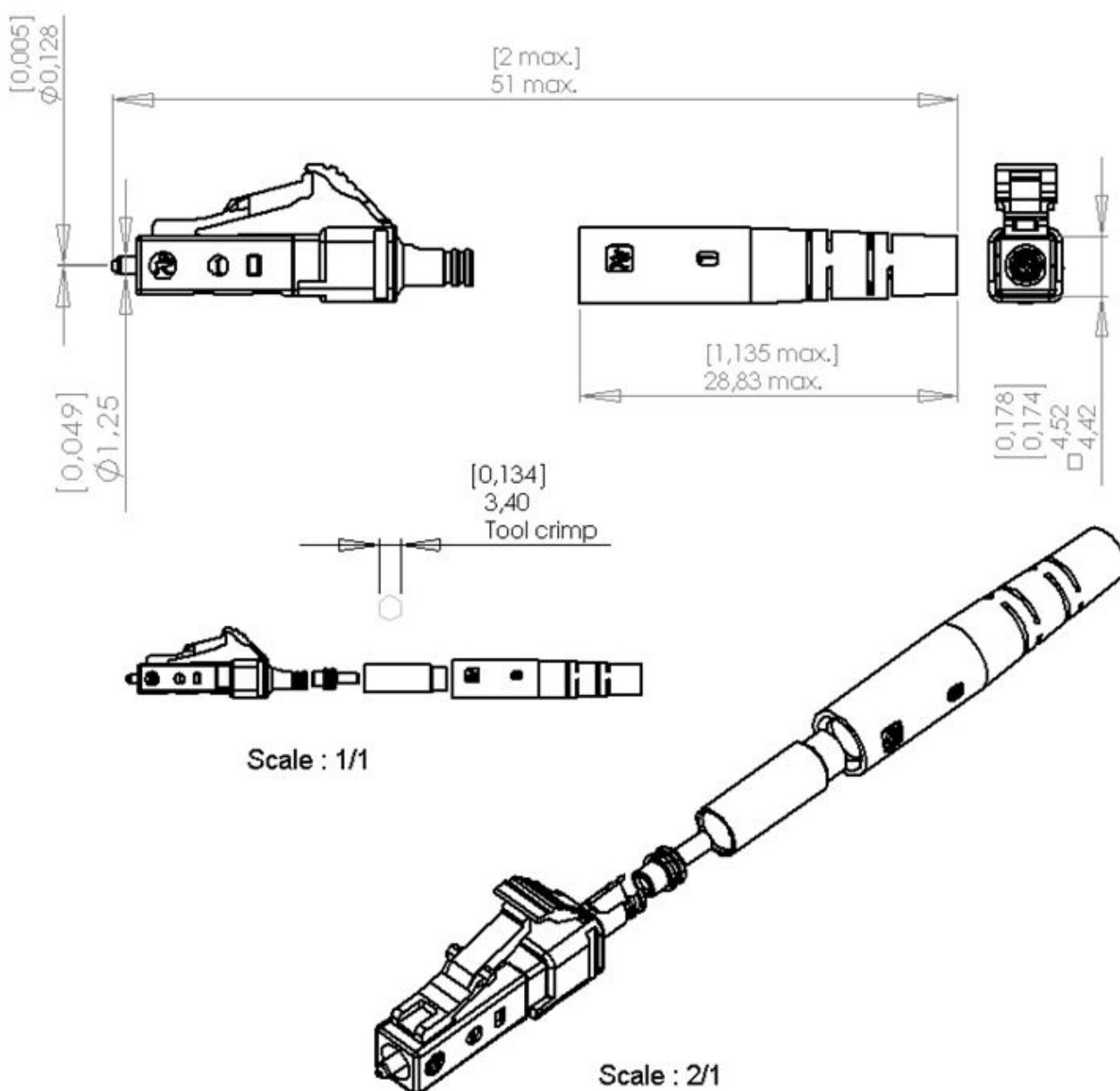


RADIAL 	TECHNICAL DATA SHEET	F727.003.500Y			
LC SIMPLEX PC MULTIMODE OPTICAL PLUG FOR Ø2 MM CABLE		Packaging 1	Series LC	Issue 10 may 06 03/06/2012	Page 1 / 2
Outer plug body : color BEIGE		Monobloc			

Original dimensions in mm [inch]



CREATION N° Pen/Ep : Name: Date: 10 may 2006 Appr.:					RADIAL [®] 101, rue P. Hoffmann 93116 ROSNY/BOIS FRANCE Tel : (33) 0149353535 Fax : (33) 0148546363
	03/06/2012	F12 021 Update	PS	CC	
	Issue	Revisions	Name	Appr.	

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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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