
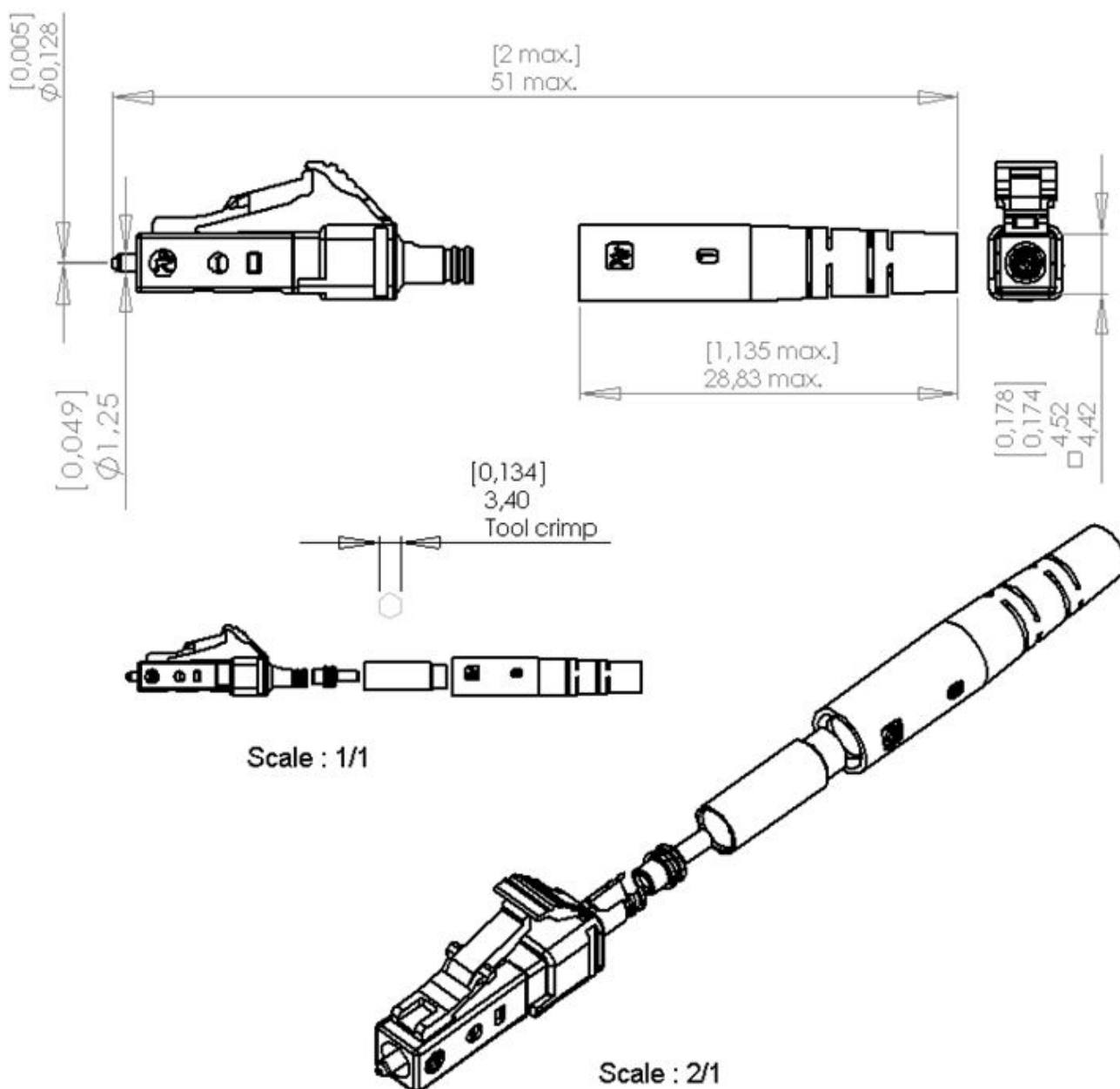



<b>RADIAL</b> 	<b>TECHNICAL DATA SHEET</b>	<b>F727.003.500Y</b>			
LC SIMPLEX PC MULTIMODE OPTICAL PLUG FOR Ø2 MM CABLE		Packaging 1	Series LC	Issue 10 may 06 03/06/2012	Page 1 / 2
Outer plug body : color BEIGE		Monobloc			

Original dimensions in mm [inch]



<b>CREATION</b>  N° Pen/Ep : Name: Date: 10 may 2006 Appr.:					<b>RADIAL</b> <sup>®</sup> 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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