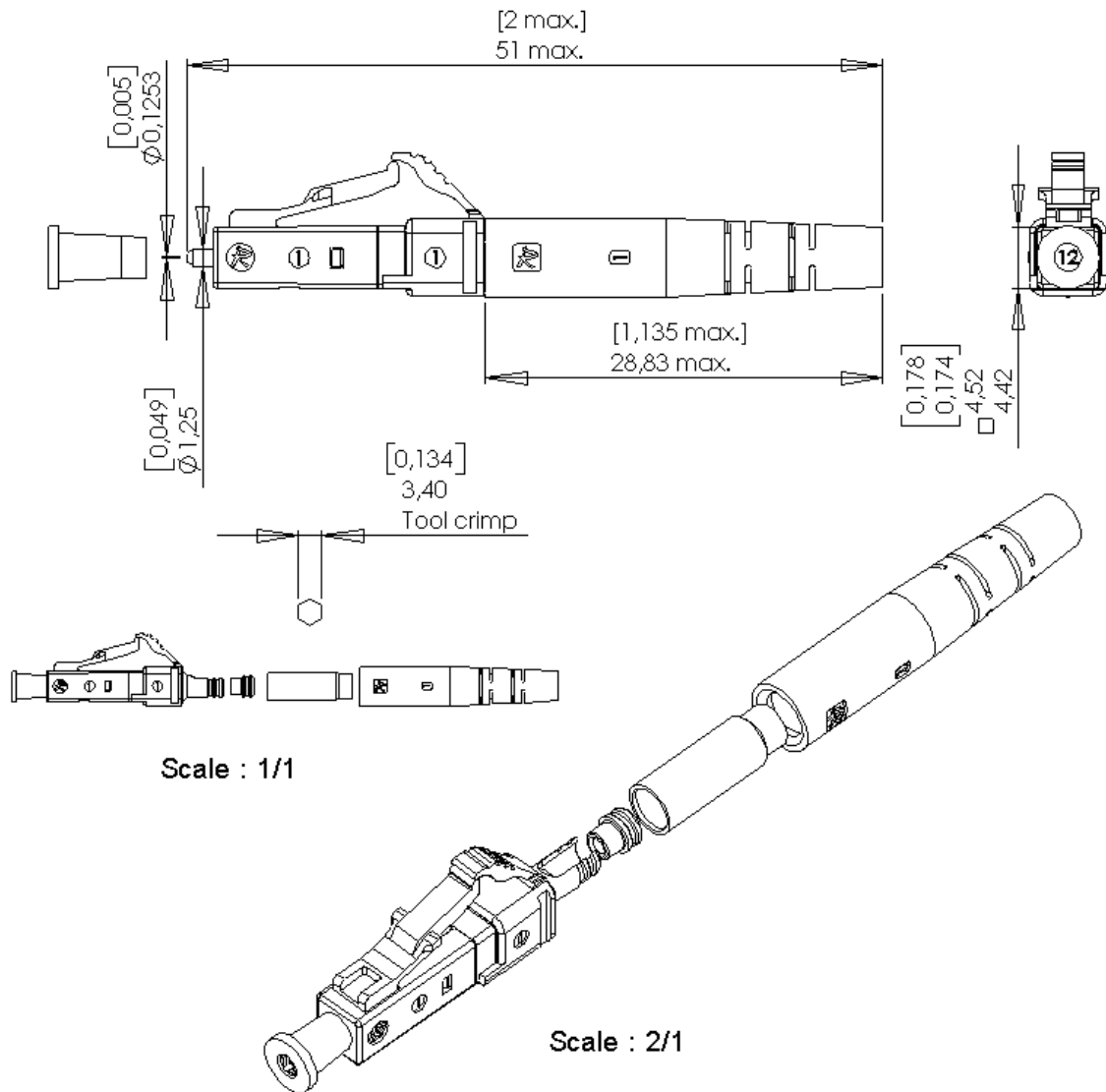| LC SIMPLEX PC MULTIMODE OPTICAL PLUG FOR Ø2.0 MM ULTRA TIGHT CABLE	Packaging 1	Series LC	Issue 14 jan.05	Page 1 / 2

Outer plug body : color BEIGE	Monobloc

[2 max.]
51 max.

[0,005]
Ø0,1253

[0,049]
Ø1,25

[1,135 max.]
28,83 max.

[0,178]
[0,174]
4,52
4,42

[0,134]
3,40
Tool crimp

Scale : 1/1

Scale : 2/1

Original dimensions in mm [inch]

Outer plug body : color BEIGE | Monobloc

GENERAL

❑ **TYPE** IEC 61754-20 (LC)
Multimode Zirconia Ø 1.25 mm ferrule
RJ –45 latching connector system

❑ **FERRULE SIZE** 128 µm

❑ **FIBER SIZE** 62,5/125µm multimode

❑ **CABLE SIZE & TYPE** ∅1.7-2.2 mm Ultra Tight (buffer/jacket) structure
ABS0963-003LF

❑ **CABLING PROCEDURE** Refer to 503.08.610 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
Mean	≤0.10 dB
Standard deviation	≤0.05 dB

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

	R$_L$
PC	> 20dB

❑ **MECHANICAL** Vibration test 50 to 2000 Hz, 0.2g²/Hz, 16.4grms, 8 Hr/axis
Impact test 1,5 m drop , 8 cycles
Mechanical Endurance 200 matings
Cable retention 68 N

❑ **ENVIRONMENTAL** Temperature range (storage/operating) -40 °C to +85°C/ -28°C to +65°C M85045/16 NAVY
Temperature range (storage/operating) -55°C to +125°C / -55°C to +125°C NEXANS 132126
Humidity/Condensation cycling test 95% RH, -10°C to +65°C, 14 cycles, 168Hr

Other cable available please take contact with us for more details.

*(Performance and specification : see document **GEN – F727 001**)*