

NOTES:

1. Connector shall accept center conductor diameter of .51 (.020) to 1.19 (.047).

ELECTRICAL INFO

Frequency: DC to 1 GHz

Impedance: 75 ohms nominal

Insulation Resistance: 500 MOhms @500 VDC

VSWR: 1.2 max @ 0-1.5 GHz

Return Loss: 15 dB @ 1.0 GHz

Insertion Loss: ≤ 0.2 dB @ 1.0 GHz

Approved for Production
 Date: 11:49 am, Jul 11, 2011
 Signature: Lighthouse Technologies, Inc.
 Controlled Copy

Tolerances

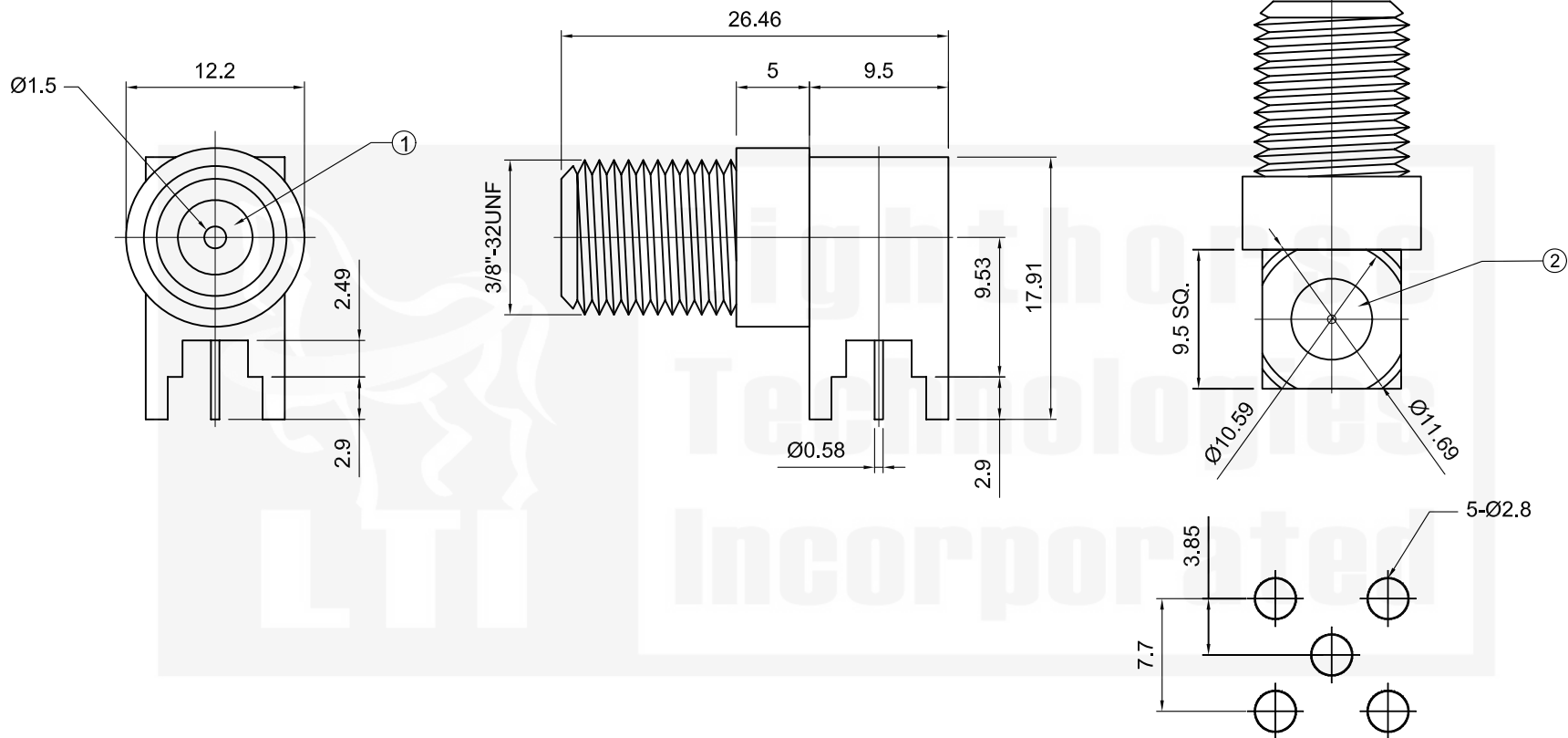
- 1-20=+/-0.2
- 20-30=+/-0.3
- 30-40=+/-0.4
- 40-50=+/-0.5
- 50-100=+/-0.75
- 100-300=+/-1.5
- Angles=+/-1

Dimensions are in Millimeters

Revisions Description/Approved/Date	Approved M.H.	Date 10/16/01
A. Dielectric material / M.H. / 11-05-01	Checked M.H.	Date 10/16/01
B. Barrel width/ M.H. / 11-15-01	Drawn K.R.E.	Date 10/16/01
C. Pin length / M.H. / 12-11-01		

NOTES (plating thickness in micro-inches):

5. Per MIL-P-19468	9. Nickel pl. 100 min. over copper strike
6. Per ZZ-R-765	10. Per QQ-P-35
7. Per WW-T-799	11. Gold pl. 30 min. over nickel pl. 50 min. over copper strike
8. Gold pl. 50 min. over nickel pl. 50 min. over copper strike	



ITEM	MATERIAL	FINISH
Connector Body	Brass, Note 1	Nickel, Note 9
Center Contact: Female	Phosphor Bronze	Matte Tin
Insulation	① Teflon, Note 5 ② Delrin	None
Ferrule	--	--
Gasket	--	--
Hex Nut	--	--
Lock Washer	--	--

Lighthouse Technologies, Inc.
 4907 Morena Boulevard, #1411
 San Diego, California 92117

Part Number:
LTI-FLF54NP

Description		
F right angle PCB thru hole jack, high profile, longer barrel w/shoulder		
Scale	Drawing No.	File Name
2:1	F/FLF54NP	FLF54NP