

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

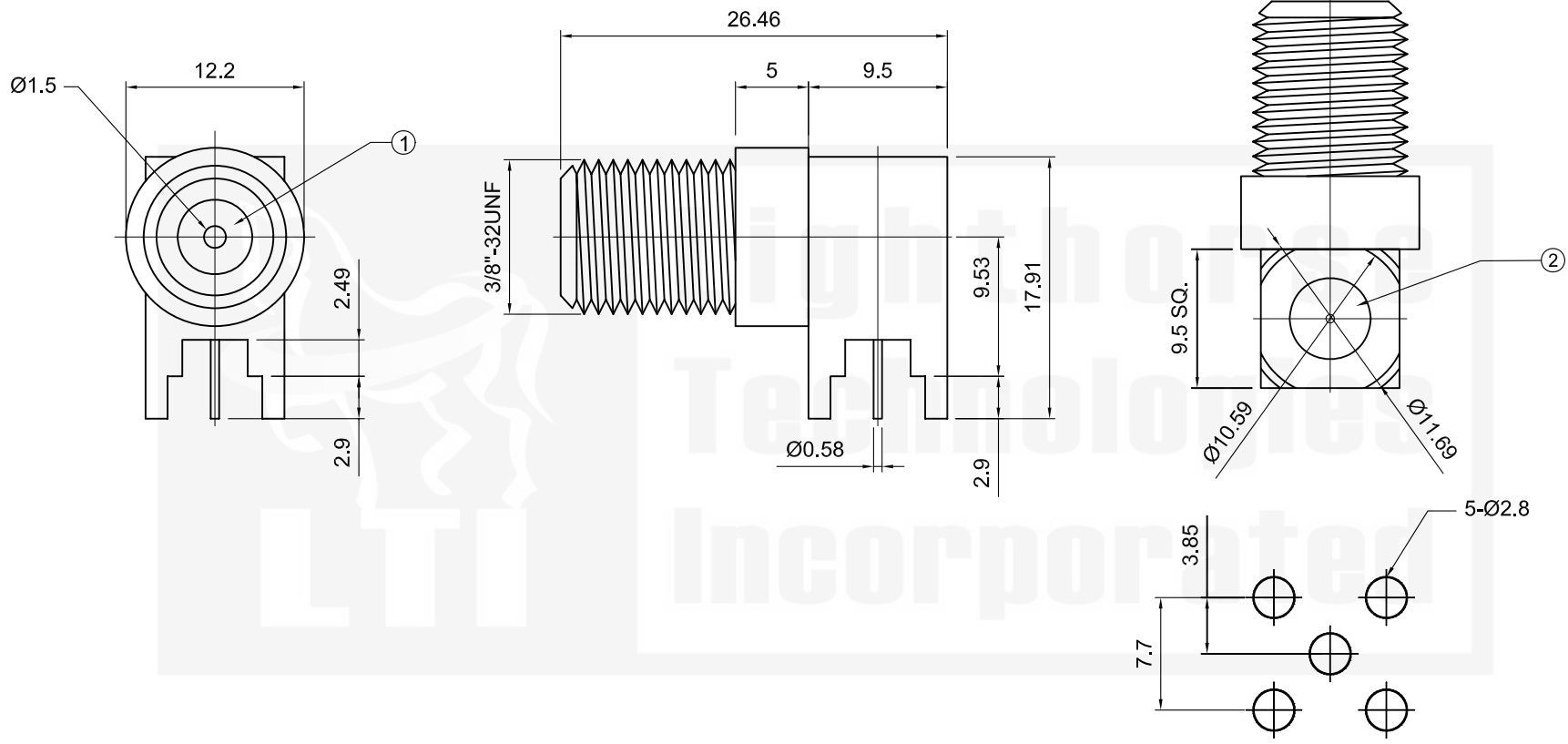
- 1-20=+/-0.2
- 20-30=+/-0.3
- 30-40=+/-0.4
- 40-50=+/-0.5
- 50-100=+/-0.75
- 100-300=+/-1.5
- Angles=+/-1

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):

1. Per QQ-B-626	5. Per MIL-P-19468	9. Nickel pl. 100 min. over copper strike
2. Per QQ-S-764	6. Per ZZ-R-765	10. Per QQ-P-35
3. Per QQ-C-530	7. Per WW-T-799	11. Gold pl. 30 min. over nickel pl. 50 min. over copper strike
4. Per QQ-B-750	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