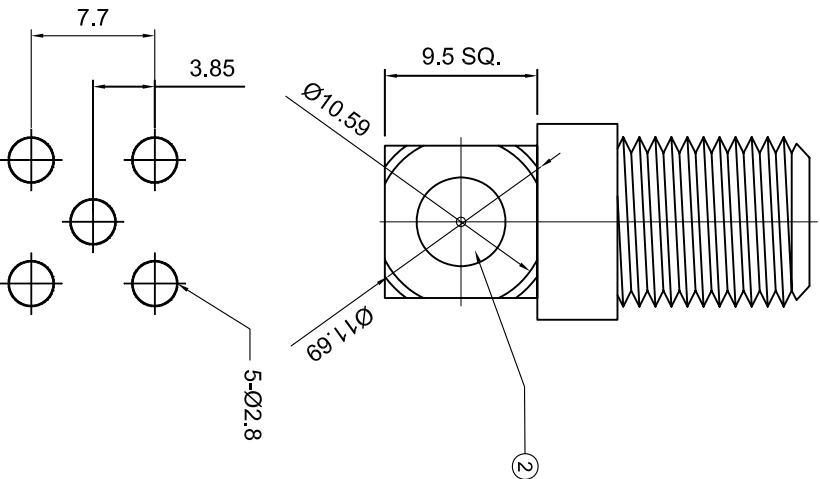
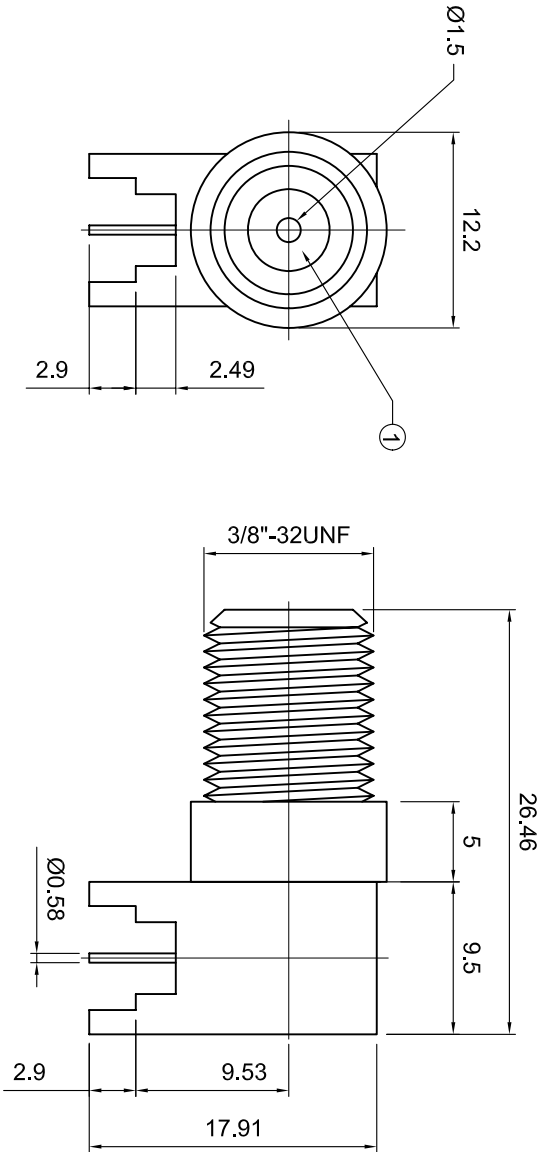


NOTES:		Revisions		Date
1. Connector shall accept center conductor diameter of .51 (.020) to 1.19 (.047).		Description/Approved/Date	Approved M.H.	10/16/01
ELECTRICAL INFO		A. Dielectric material / M.H. / 11-05-01	Checked M.H.	Date 10/16/01
Frequency: DC to 1 GHz		B. Barrel width/ M.H. / 11-15-01	Drawn	Date 10/16/01
Impedance: 75 ohms nominal		C. Pin length / M.H. / 12-11-01	K.R.E.	
Insulation Resistance: 500 MOhms @500 VDC		NOTES (plating thickness in micro-inches): 5. Per MIL-P-19468 6. Per ZZ-R-765 7. Per WW-T-799 8. Gold pl. 50 min. over 9. Nickel pl. 100 min. over 10. Per QQ-P-35 11. Gold pl. 30 min. over nickel pl. 50 min. over copper strike		
VSWR: 1.2 max @ 0-1.5 GHz		1. Per QQ-B-626 2. Per QQ-S-764 3. Per QQ-C-530 4. Per QQ-B-750 7. Per WW-T-799 8. Gold pl. 50 min. over nickel pl. 50 min. over copper strike		
Return Loss: 15 dB @ 1.0 GHz				
Insertion Loss: ≤ 0.2 dB @ 1.0 GHz				
		Dimensions are in Millimeters		



ITEM	MATERIAL	FINISH	Description		
Connector Body	Brass, Note 1	Nickel, Note 9	 Lighthorse Technologies, Inc. 4907 Morena Boulevard, #1411 San Diego, California 92117 Part Number: LTI-FLF54NP		
Center Contact: Female	Phosphor Bronze	Matte Tin			
Insulation	① Teflon, Note 5 ② Delrin	None			
Ferrule	--	--			
Gasket	--	--	barrel w/shoulder F right angle PCB thru hole jack, high profile, longer Scale 2:1		
Hex Nut	--	--			
Lock Washer	--	--			
			Drawing No.	File Name	
			F/FLF54NP	FLF54NP	