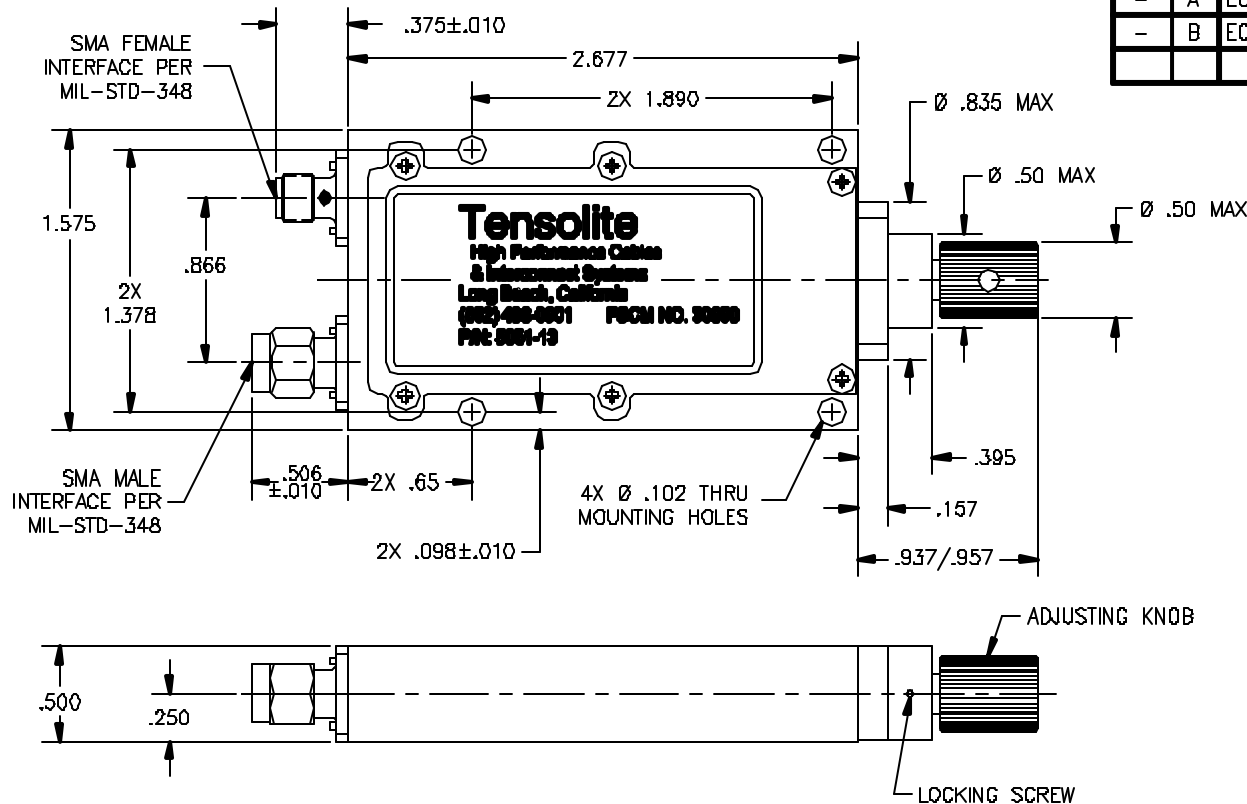


P/N	APPLICABLE NOTE(S)
-13	1,2,3

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
-	A	ECO 18799	10.21.05	DKN
-	B	ECO 20170	04.20.07	DKN



DRAWING NO.	REV.
5051-13	B

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIRONMENTAL(S):
Body, Cover & Knob: Aluminum per ASTM B-211 SMA Connectors: Body & Coupling Nut: 303 sst per ASTM A-582. Center Conductor & Retaining Ring: BeCu alloy per ASTM B-198. Dielectric: PTFE per ASTM D-1710. Gasket: Silicone Rubber A-A-59588. Epoxy: Captivation: Sigma VF type HV. Conductive: Eccabond 56C.	Impedance: 50 Ohms nominal. Frequency Range: DC to 12 GHz. VSWR: 1.25:1 Max to 12 GHz. Insertion Loss: .60 dB max 8-12 GHz @ 25°C. Average Input Power Rating: 20 W @ 85°C. Peak Input Power Rating: 60W @ 85°C. (Power rating measured with output terminated with 50 Ohms matched load.) R.F. Leakage: -80dB max rel. to input power	Mating Characteristics: Interface per Mil-Std-348. Phase Shift: 430° min.	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B.

FINISH(ES):	APPLICABLE TENSOLITE DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED		Tensolite HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815			
Body, Cover & Knob: Anodize per MIL-A-8625; Color: Blue. SMA Connectors: Body & Coupling Nut: Passivate per ASTM A-967. Center Conductor: Gold plate per ASTM B-488, over nickel underplate per AMS-QQ-N-290.	WORK STD	PROD INST	ASSY INST	LINEAR .001 ±.001	ANGULAR ± 1/2°	DRAWN BY	DATE	TEST ENG	QUALITY
	NA	NA	NA	RANDOM ± 1/32°		CHECKED BY	01.28.03		
				NOTICE		DESIGN ENG	DWG	12.07.07	
				THIS DRAWING IS THE PROPERTY OF TENSOLITE. IT IS TO BE USED FOR THE PURPOSES SPECIFIED ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM TENSOLITE. TENSOLITE ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS. TENSOLITE ASSUMES NO LIABILITY FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS DRAWING. TENSOLITE ASSUMES NO LIABILITY FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS DRAWING.		REV. ENG			
				1. MACHINE FINISH .63 / RMS		SIZE	2/1	DATE CODE	CL
				2. BREAK ALL SHARP EDGES .003 MAX.		WORKING NO.			
				3. MACHINED SURFACES TO BE NET BEFORE PLATING.					
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