

P/N	APPLICABLE NOTES	(A)	FIG.	REVISIONS		
				ZONE	REV	DATE
-100	1,2,3	.769	1	-	A	06/08/00
-200	1,2,3	.851	1	-	B	08.01.00
-300	1,2,3	1.366	1	-	C	12.21.06
-400	1,2,3	.440	2	-		
-500	1,2,3	.769	2	-		
-600	1,2,3	.415	1	-		
-700	1,2,3	.428	1	-		
-800	1,2,3	.539	3	-		

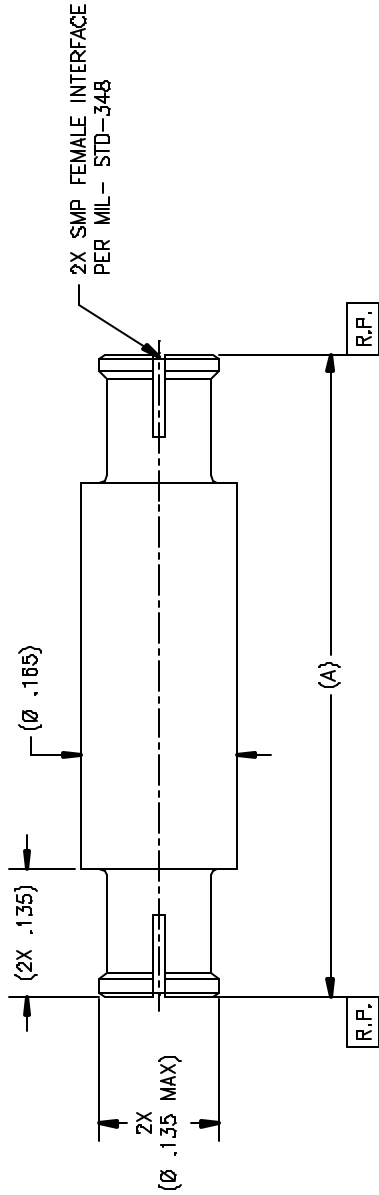


FIG. 1

FORM NO. P617

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Center Conductor: BeCu alloy per ASTM B-196 Insulator: Teflon per ASTM D-1710 O-Ring: Silicone per MIL-G-83528	Impedance: 50 Ohms Nom. Freq. Range: DC TO 40 GHz VSWR: 1.05 + .008 f(GHz) Insertion Loss: .01 x $\sqrt{f}$ GHz Working Voltage: 335 Vrms @ Sea Level Insulation Resistance: 5000 Mohms Dielectric Withstand Voltage: 500 V rms RF HPot Voltage: 325 Vrms Min @ 5MHz Corona Level: 190 Vrms @ 70,000 ft RF Leakage: -80 dB max to 3.0 GHz -65 dB max to 18.0 GHz Contact Resistance: Center contact: 6.0 Milliohms Outer Contact: 2.0 Milliohms	Interface Dimensions: MIL-STD-34B Connector Durability: Depend on Detent Center Contact Retention: 2 lbs Min Axial N/A Radial Force to Engage and Disengage: 2.5 lbs Engage 1.5 lbs Disengage	Temp. 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 MegaOhms within 5 minutes after removal from humidity Corrosion: MIL-STD-202, Method 101, Test Cond. B Vibration: MIL-STD-202, Method 204, Test Cond. D Shock: MIL-STD-202, Method 213, Test Cond. I

FINISH:		SEE NOTE(S)		SEE NOTE(S)		SEE NOTE(S)	
Body & Center Conductor: Gold plate per ASTM B-488 over nickel plate per AMS-QQ-N-290.		TOLERANCES AND NOTES EXCEPT AS NOTED		TOLERANCES AND NOTES EXCEPT AS NOTED		TOLERANCES AND NOTES EXCEPT AS NOTED	
APPLICABLE TENSOLITE DOCUMENTS		APPLICABLE TENSOLITE DOCUMENTS		APPLICABLE TENSOLITE DOCUMENTS		APPLICABLE TENSOLITE DOCUMENTS	
WORK STD. FRID. NET. ASSY. NET.		WORK STD. FRID. NET. ASSY. NET.		WORK STD. FRID. NET. ASSY. NET.		WORK STD. FRID. NET. ASSY. NET.	
NA NA NA NA		NA NA NA NA		NA NA NA NA		NA NA NA NA	
NOTICE		NOTICE		NOTICE		NOTICE	
THIS DRAWING IS THE PROPERTY OF TENSOLITE. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREON. 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 THE WRITTEN PERMISSION OF TENSOLITE. TENSOLITE ASSUMES NO LIABILITY FOR DAMAGES OF ANY KIND, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS DRAWING.		THIS DRAWING IS THE PROPERTY OF TENSOLITE. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREON. 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 THE WRITTEN PERMISSION OF TENSOLITE. TENSOLITE ASSUMES NO LIABILITY FOR DAMAGES OF ANY KIND, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS DRAWING.		THIS DRAWING IS THE PROPERTY OF TENSOLITE. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREON. 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 THE WRITTEN PERMISSION OF TENSOLITE. TENSOLITE ASSUMES NO LIABILITY FOR DAMAGES OF ANY KIND, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS DRAWING.		THIS DRAWING IS THE PROPERTY OF TENSOLITE. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREON. 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 THE WRITTEN PERMISSION OF TENSOLITE. TENSOLITE ASSUMES NO LIABILITY FOR DAMAGES OF ANY KIND, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS DRAWING.	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE		TENSOLITE		TENSOLITE	
TENSOLITE		TENSOLITE					

