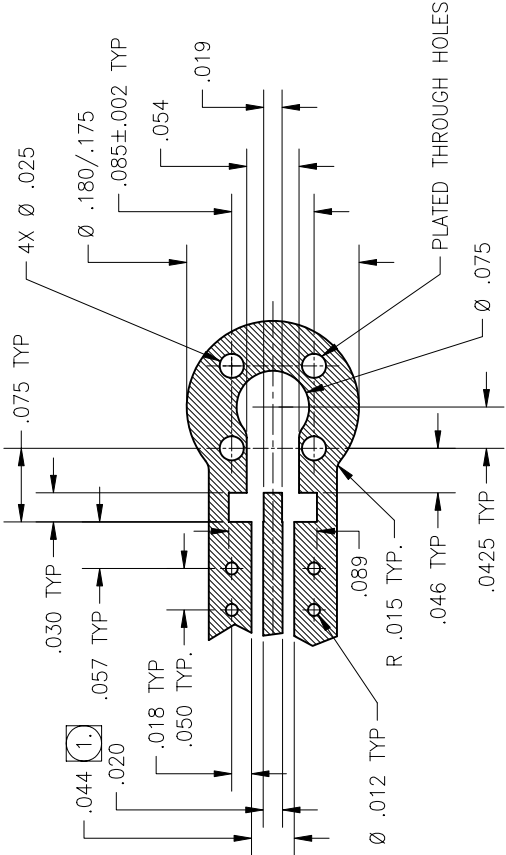


P/N	APPLICABLE NOTES	INTERFACE(S)	(Ø A)	(B)	FIGURE(S)	REVISIONS				
						ZONE	REV	DESCRIPTION	DATE	BY
-1CC	1,2,3,4	FULL DETENT	(.116)	.075	1	-	F	ECO 12303	10/02/00	AGS
-2CC	1,2,3,4	LIMITED DETENT	(.120)	.075	1	-	G	ECO 13311	05.10.01	ATV
-3CC	1,2,3,4	SMOOTH BORE	(.125)	.075	1	-	H	ECO 20084	03.26.07	DKN



MOUNTING HOLE PATTERN

1. DIMENSIONS SHOWN ARE FOR ROGERS 4350 PCB MATERIAL.
THESE DIMENSIONS MAY VARY DEPENDING ON PCB MATERIAL USED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: BeCu alloy per ASTM B-196. Center Conductor: Brass alloy per ASTM B-16. Insulator: Torlon per AMS 3670 or ASTM D-5204.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18 GHz. VSWR: 1.15:1 max to 18 GHz. Insertion Loss: .10 dB max to 18 GHz. Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 500 Vrms min. R.F. HiPot Voltage: 325 Vrms min @ 5MHz. Corona Level: 125 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. Contact Resistance: Center Contact: 6.0 Milliohm max. Outer Contact: 2.0 Milliohm max.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Engage: Full detent: 10.0 lbs max Limited detent: 5.0 max Smooth bore/Catchers mitt: 2.0 lbs max Disengage: Full detent: 2.0 lbs min Limited detent: 1.5 lbs min Smooth bore/Catchers mitt: .50 lbs min Center Contact Retention: Axial Force: 1.5 pounds min. Radial Torque: NA Connector Durability: Depend on detent	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 1000 MegOhms 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:	APPLICABLE TENSOLITE DOCUMENTS				TOLERANCES AND NOTES EXCEPT AS NOTED			
	WORK STD	PROD INST	ASSY INST		DIMENSIONS ARE IN INCHES:	APPROVAL INITIALS	DATE	SIZE
Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	NA	NA	NA	NA	LINEAR .XXX ±.005 ANGULAR ± 1/2°	APPROVAL INITIALS	DATE	SIZE
					FRACTION ± 1/32	APPROVAL INITIALS	DATE	SIZE
					1. MACHINE FINISH: 63/ RMS	APPROVAL INITIALS	DATE	SIZE
					2. BREAK ALL SHARP EDGES .003 MAX.	APPROVAL INITIALS	DATE	SIZE
NOTICE					THIS DRAWING EMBODES A CONFIDENTIAL PROPRIETARY DESIGN. IT IS THE PROPERTY OF TENSOLITE AND IS NOT TO BE REPRODUCED, COPIED, 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, NO PART OF THIS DRAWING MAY 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. TENSOLITE ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS. TENSOLITE ASSUMES NO LIABILITY FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, ARISING OUT OF THE USE OF THIS DRAWING. TENSOLITE ASSUMES NO LIABILITY FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, ARISING OUT OF THE USE OF THIS DRAWING.			
					3. MACHINED FILLETS .005 MAX. 4. AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .005 INCHES PER INCH. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. DIMENSIONS TO BE MET AFTER PLATING. 8. THREADS PER H-28. 9. REMOVE FRAMED EDGES ON TEFLO. 10. REMOVE ALL BORDERS.			
					DRAWING NO. P797			

