

P/N	INTERFACE(S)	(Ø A)	(B)	(C)	(Ø D)	FIG.
-1CCSF	FULL DETENT	.116	.150	.310	.030	1
-2CCSF	LIMITED DETENT	.120	.150	.310	.030	1
-3CCSF	SMOOTH BORE	.125	.150	.310	.030	1
-4CCSF	FULL DETENT	.116	.115	.185	.030	1
-5CCSF	SMOOTH BORE	.125	.090	.187	.030	1
-6CCSF	CATCHER'S MITT (MOD.)	.125	NR	.200	.030	2
-7CCSF	CATCHER'S MITT (MOD.)	.125	NR	.160	.012	2
-8CCSF	CATCHER'S MITT	.125	.250	.500	.030	3

ZONE	REV	DESCRIPTION	DATE	BY
-	B	ECO 11639 (ADD DASH NO.)	05/18/00	IMG
-	C	ECO 13365	05/31/01	AGS
-	D	ECO 19829	04.10.07	DKN

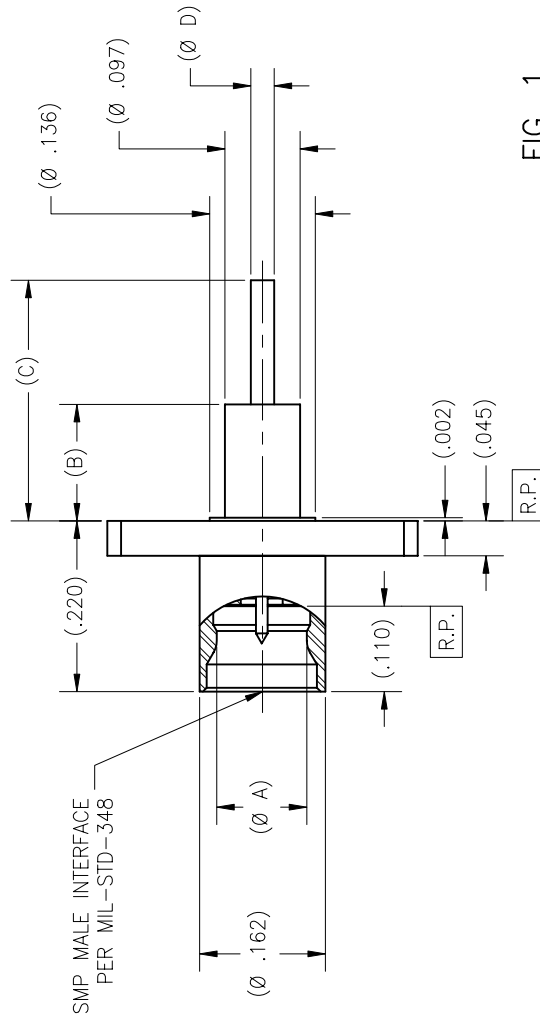


FIG. 1

DRAWING NO.	P678
REV.	D

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:																																				
Body: 303 sst per ASTM A-582 Center Conductor: BeCu Alloy per ASTM B-196 Insulator: PTFE per ASTM D-1710	Impedance: 50 Ohms Nom. Freq. Range: DC TO 40 GHz VSWR: 1.20:1 DC - 18GHz 1.35:1 18 - 26.5GHz 1.50:1 26.5 - 40GHz Insertion Loss: Consult factory Working Voltage: 335 Vrms @ Sea Level Dielectric Withstand Voltage: 500 V rms RF HIPot Voltage: 325 Vrms Min @ 5MHz Corona Level: 125 Vrms @ 70,000 ft Insulation Resistance: 5000 Mohms Contact Resistance: Center Conductor: 2.0 Millionohms RF Leakage: -80 dB to 3GHz min. -65 dB from 3 to 26.5 GHz min.	Interface Dimensions: MIL-STD-348 Connector Durability: Depend on detent Force to Engage: Full detent: 10 lbs Limit detent: 8 lbs Smooth bore: 1 lb Force to Disengage: Full detent: 5 lbs Limit detent: 2 lbs Smooth bore: .5 lb	Temperature Range: -65° to +165°. 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.																																				
<b>FINISH:</b> Center Conductor: Gold plate per ASTM B-488 over Nickel plate per AMS-QQ-N-290 Body: Passivated per ASTM A-967 OR AMS-QQ-P-35	<b>APPLICABLE TENSOLITE DOCUMENTS</b> <table border="1"> <tr> <th>WORK STD</th> <th>PROD INST</th> <th>ASSY INST</th> </tr> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </table> <p><b>NOTICE</b>            THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN OF TENSOLITE. ANY REPRODUCTION, USE AND SALE WITHOUT THE EXPRESS WRITTEN PERMISSION OF TENSOLITE IS STRICTLY PROHIBITED. BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION TO OTHER PROJECTS ANY SPECIAL FEATURES INCORPORATED IN THIS DRAWING SHALL BE THE PROPERTY OF TENSOLITE. TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.</p>	WORK STD	PROD INST	ASSY INST	NA	NA	NA	<b>TOLERANCES AND NOTES EXCEPT AS NOTED</b> DIMENSIONS ARE IN INCHES: FRACTION ± 1/32 DECIMAL ± .005 ANGULAR ± 1/2° 1. MACHINE FINISH: 63 RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS TO .005 MAX. 4. RAYS WITHIN .005 INCHES PER INCH 5. MACHINING DIMETERS CONCENTRIC WITHIN .005 INCHES 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. DIMENSIONS TO BE MET AFTER PLATING. 8. THREADS PER H-2B 9. REMOVE FRAMED EDGES ON TOLON. 10. REMOVE FRAMED EDGES ON TOLON.	<b>ENVIRONMENTAL:</b> Temperature Range: -65° to +165°. 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.																														
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