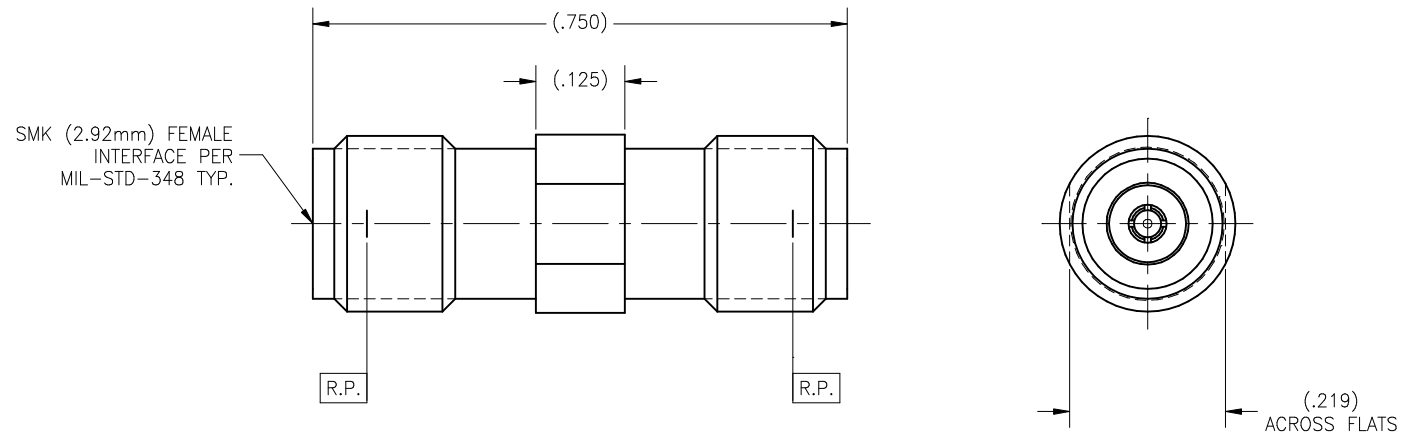


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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
-	A	ECO 20919	01.24.08	DKN



DRAWING NO.	224	REV	A
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<b>MATERIAL:</b> Body & Insert: 303 SST per ASTM A-582 Center Conductor: BeCu alloy per ASTM B-196 Bead: (High Performance Application)	<b>ELECTRICAL:</b> Impedance: 50 Ohms Nom. Freq. Range: DC TO 40 GHz VSWR: 1.10 + .005 x f(GHz) Insertion Loss: .08 x √f GHz dB Working Voltage: 500 Vrms @ Sea Level Insulation Resistance: 5000 Mohms min. Dielectric Withstand Voltage: 1500 Vrms min. RF HiPot Voltage: 1000 Vrms Min @ 5MHz Corona Level: 375 Vrms @ 70,000 ft RF Leakage: -( 90 - f GHz) dB Contact Resistance Center Conductor: Before Environmental: 3.0 Milliohms After Environmental: 4.0 Milliohms	<b>MECHANICAL:</b> Interface Dimensions: MIL-STD-348 Connector Durability: 500 Cycles Center Contact Retention: 6 lbs Min Axial N/A Radial Force to Engage and Disengage: 2 inch lbs max	<b>ENVIRONMENTAL:</b> 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
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<b>FINISH:</b> Body & Insert: (for CCSF): Passivated per ASTM A-967, nitric 1. (for CC): Gold plate per ASTM B-488 over nickel plate AMS-QQ-N-290 Center Conductor: Gold plate per ASTM B-488 over nickel plate AMS-QQ-N-290	<b>APPLICABLE TENSOLITE DOCUMENTS</b> WORK STD   PROD INST   ASSY INST NA   NA   NA	<b>TOLERANCES AND NOTES EXCEPT AS NOTED</b> DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 .XXX ±.005 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: $\sqrt{32}$ RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <tr><td>APPROVAL INITIALS</td><td>DATE</td></tr> <tr><td>DRAWN BY R.C.</td><td>03.13.02</td></tr> <tr><td>CHECKED BY</td><td></td></tr> <tr><td>TEST ENGG</td><td></td></tr> <tr><td>DESIGN ENGG</td><td>DNg 01.24.08</td></tr> <tr><td>MFG ENGG</td><td></td></tr> </table>	APPROVAL INITIALS	DATE	DRAWN BY R.C.	03.13.02	CHECKED BY		TEST ENGG		DESIGN ENGG	DNg 01.24.08	MFG ENGG		<table border="1"> <tr><th>MATERIAL</th><th>SIZE</th><th>SPECIFICATION</th><th>PROCUREMENT</th></tr> <tr><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td colspan="2">Tensolite</td><td>HIGH PERFORMANCE CABLES &amp; INTERCONNECT SYSTEMS</td><td>Long Beach, California 90815</td></tr> <tr><td colspan="4">TITLE SMK (2.92mm) FEMALE TO SMK FEMALE STRAIGHT ADAPTER</td></tr> <tr><td>SCALE 8/1</td><td>SUB-DIRECTORY FILENAME OL</td><td>SHEET 1 of 1</td><td>REV A</td></tr> <tr><td>SIZE C</td><td>CAGE CODE 30990</td><td>DRAWING NO. 224</td><td></td></tr> </table>	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT	-	-	-	-	Tensolite		HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS	Long Beach, California 90815	TITLE SMK (2.92mm) FEMALE TO SMK FEMALE STRAIGHT ADAPTER				SCALE 8/1	SUB-DIRECTORY FILENAME OL	SHEET 1 of 1	REV A	SIZE C	CAGE CODE 30990	DRAWING NO. 224	
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