

NOTES:

21-931-0000-00

ELECTRICAL:

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: DC-4 GHz  
 VOLTAGE RATING: SEA LEVEL 335, 70 K FEET 85  
 INSULATION RESISTANCE: 1000 MEGOHMS MIN.  
 VSWR: 1.15 TO 4 GHz  
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS @ SEA LEVEL  
 R.F HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS  
 INSERTION LOSS: .05 SQRT(F(GHz))

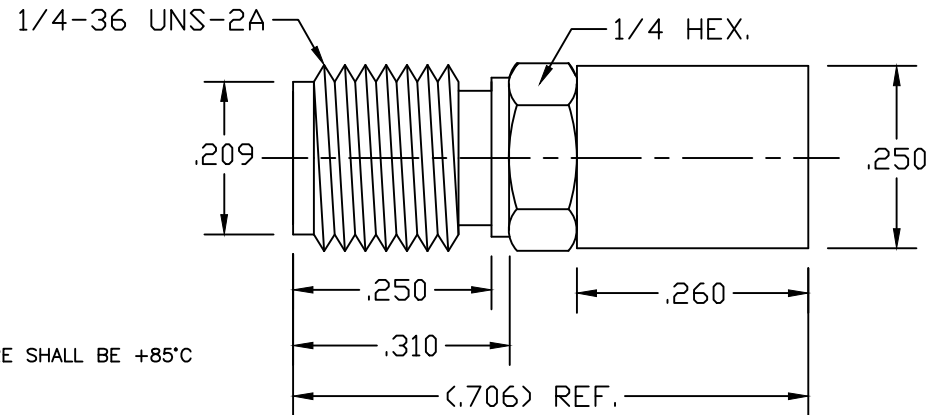
MECHANICAL:


MATERIALS:

BODY & BODY COMPONENTS: SST 303 PER ASM-5640 COND A  
 CONTACTS: BERYLLIUM COPPER PER QQ-C-530 ALLOY 173  
 INSULATORS: PTFE

FINISH:

CENTER CONTACTS: CLASS I OVER NICKEL PLATE PER QQ-N-290.  
 BODY & COMPONENTS: PASSIVATED PER ASTM-4380  
 CONTACT CAPTIVATION: WILL WITHSTAND 6.0lbs MAX. AXIAL FORCE  
 CONTACT TORQUE: 3.0 INCH-OUNCES MIN.  
 CONNECTOR DURABILITY: 500 CYCLES MIN.  
 ENVIRONMENTAL: TEMPERATURE RATING: -65°C TO +165°C  
 CORROSION: MIL-STD-202, METHOD 101, TEST CONDITION B, 5% SALT SOLUTION  
 VIBRATION HIGH FREQUENCY: MIL-STD-202, METHOD 104, TEST CONDITION D(20 G's)  
 SHOCK: MIL-STD-202, METHOD 213, TEST CONDITION I(100 G's)  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST CONDITION B EXCEPT HIGH TEMPERATURE SHALL BE +85°C



LTR	DESCRIPTION	DATE	APPR.	DRAWN <b>LMW</b>	CHECKED	USED ON	 SRI CONNECTOR GAGE CO. 751 NORTH DRIVE MELBOURNE FL. 32934				
-	REL	10/03		APPR.	SCALE	21-931-0000-00					
				UNLESS OTHERWISE SPECIFIED: 1. REMOVE ALL BURRS 2. BREAK ALL CORNERS & EDGES .005 R. MAX 3. CHAMFER 1st & LAST THREADS 45° 4. SURFACE FINISHED 32√ UNLESS OTHERWISE SPECIFIED. 5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R. 6. ALL DIMENSIONS ARE AFTER PLATING.		MATERIAL	TITLE				
				DIMENSIONS ARE IN INCHES TOLERANCES		FINISH	SMA JACK TO SMB PLUG(FEMALE)				
				DECIMALS .X ±.030 .XX ±.010 .XXX +.005	FRACTIONAL ± 1/64	ANGULAR .X° ±1'0" .X'X' ±15'		SIZE	FSCM NO.	SHEET	DWG. NO.
						A		OHMO1	1	21-931-0000-00	