ZONE	REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
XX	1	INITIAL ISSUE	N/A	RLM	1/05	RLM

NOTES:

1. ELECTRICAL

1.1. FREQUENCY RANGE: DC TO 110 GHZ
1.2. IMPEDANCE: 50 OHMS
1.3. INSERTION LOSS: 0.70 DB TYPICAL
1.4. VSWR: 1.38 TYPICAL
1.5. INSULATION RESISTANCE: > 1200 M OHMS
1.6. CENTER CONDUCTOR CONTACT RESISTANCE:
6 MILLI OHMS TYPICAL
1.7. MAXIMUM POWER CW: 6 W

2. MECHANICAL

2.1. FRONTSIDE PIN DEPTH: 0 TO 0.076 MM MAXIMUM
2.2. BACKSIDE PIN PROTRUSION: 0.61 MM TYPICAL

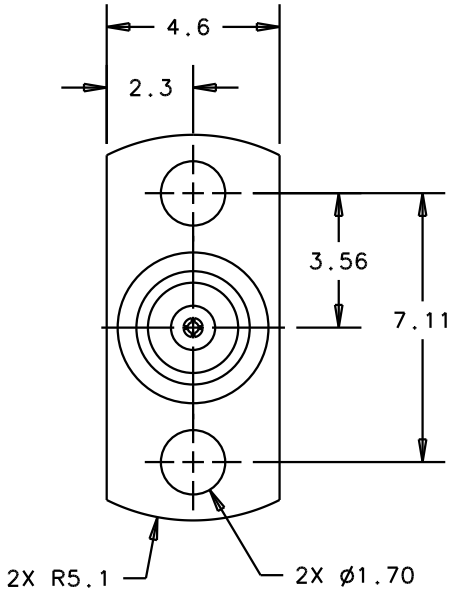
3. OPERATING TEMPERATURE: 0° TO +85° C

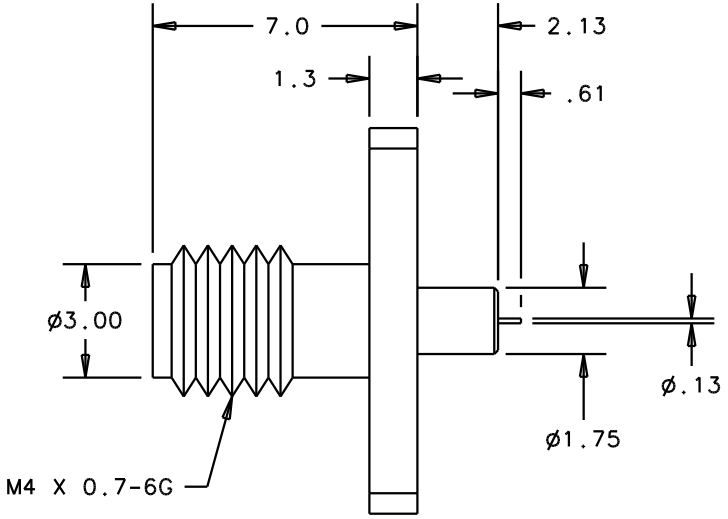
4. ENVIRONMENTAL

4.1. STORAGE TEMPERATURE: -54° TO +85° C
4.2. TEMPERATURE SHOCK: 25°C TO -40°C AND
25°C TO +125°C, METHOD 107G, CONDITION B
4.3. HUMIDITY: 95% AT 40Ó C, 96 HOURS, TEST 103B,
CONDITION B
4.4. MECHANICAL SHOCK: 100 GRAM PEAK SAWTOOTH,
METHOD 213, TEST CONDITION 1
4.5. VIBRATION: SINEWAVE: 10 HZ TO 2000 HZ, 0.06" DA,
METHOD 204, TEST CONDITION D. RANDOM:
50 HZ TO 2000 HZ, 11.6 GRMS, PWR SPECTRAL DENSITY
0.1 GRMSμ/HZ, METHOD 214, TEST CONDITION I, LETTER D
4.6. SALT SPRAY: 5% CONCENTRATION FOR 48 HOURS,
METHOD 101D, CONDITION B
4.7. VOLTAGE WITHSTANDING: 500 VAC RMS, 60 SECONDS, METHOD 301

5. MATERIALS

5.1. OUTER CONDUCTOR: PASSIVATED STAINLESS STEEL
5.2. CENTER CONDUCTOR: BERYLLIUM-COPPER, GOLD PLATED OVER NICKEL PER MIL-G-45204C
5.3. SUPPORT BEAD: POLYPHENYLENE OXIDE NORYL
5.4. BACKSIDE INTERFACE BEAD: TEFLON





UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS (mm)

SEE PRODUCT STRUCTURE_____

ALL INFORMATION SHOWN ON THIS SPECIFICATION IS PROPRIETARY INFORMATION OF ANRITSU COMPANY

DO NOT SCALE DRAWING

DRAWN RLM DATE 1/05
CHECKED RLM DATE 1/05
APPROVED RLM DATE 1/05

TOLERANCES: UNLESS OTHERWISE SPECIFIED
0 PLACES ± 5 ANGLES ±5°
1 PLACES ±.5
2 PLACES ±.15 SURFACE FINISH N7

FINISH N/A

MATERIAL: N/A

Anritsu 490 JARVIS DRIVE MORGAN HILL,CA. 95037

TITLE W1-103F OUTLINE

FSCM NO. 20944 | DRAWING NO. 64550 | REV 1

SCALE N/A | UNDER ECN CONTROL XX/XX/XX BY XXX DATE M.E | SHEET 1 OF 1