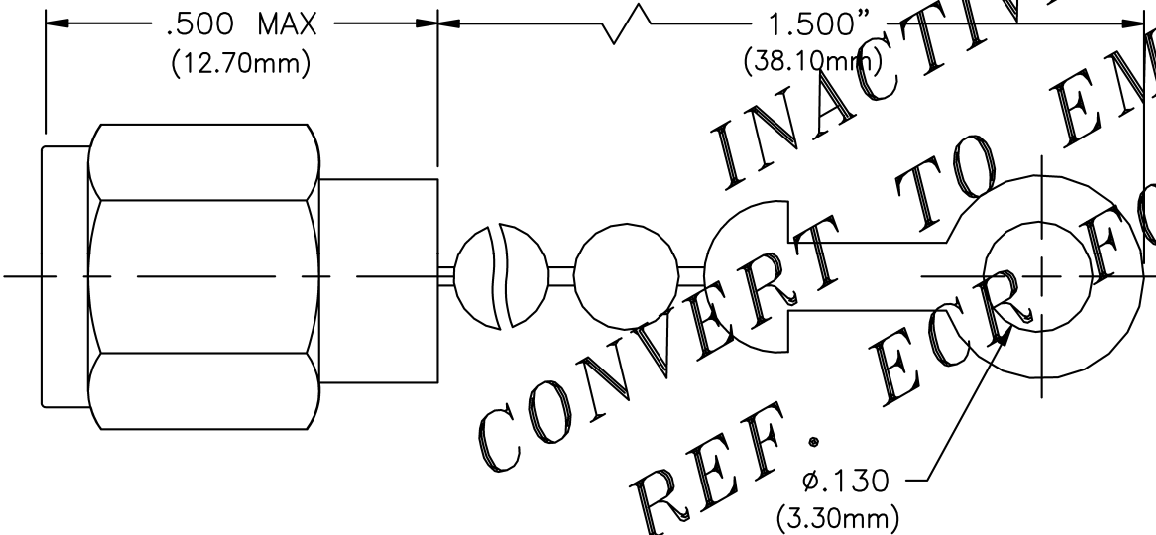


1. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE .010" (.254mm)

CAD#120024A2

DRAWING NO.  
12-0024

REV.  
A



MATERIALS:

- BODY, COUPLING NUT AND CHAIN ASSEMBLY: STAINLESS STEEL PER ASTM A582
- CONTACT AND LOCK RING: BERYLLIUM COPPER PER ASTM B196
- INSULATOR: TEFLON
- GASKET: SILICONE RUBBER PER ZZ-R-765
- SUBSTRATE: ALUMINA
- RESISTIVE FILM: NICHROME

FINISH:

- BODY, COUPLING NUT AND CHAIN ASSEMBLY: PASSIVATED PER QQ-P-35
- CONTACT: GOLD PER MIL-G-45204

A	DCN#0786	07/98	
N/C	RLSE#02359	04/98	MTG
REV.	DESCRIPTION	DATE	APPR.

UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE AFTER PLATING
2. DIAMETERS ON COMMON Q TO BE CONCENTRIC WITHIN \_\_\_\_\_ T.I.R.
3. SURFACE ROUGHNESS ✓
4. CORNERS AND EDGES R. MAX.
5. REMOVE BURRS AND BREAK SHARP EDGES

TOLERANCES

DECIMAL	FRACTION	ANGLES
.X ±		
.XX ±	±	± _____
.XXX ±		

ALL DIMENSIONS ARE IN INCHES

REFERENCE _____		
MATERIAL _____		
FINISH _____		
SCALE 4X	CAGE CODE ID NO. 2Y194	SIZE A
APPR. MJK 04/09/98	CHK NAK 04/07/98	

P.O. BOX 899  
STUART, FL. 34995

TITLE TERMINATION, SMA PLUG 2 WATT W/CHAIN	
DRAWING NO. 12-0024	REV. A
DRAWN GEC 04/06/98	SHEET OF

CAD#120024A3

DRAWING NO.

12-0024

REV.

A

REQUIREMENTS	RATING	REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)	50	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)
FREQUENCY RANGE (GHz)	DC - 18.0		
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM	SHOCK	MIL-STD-202 METHOD 213 COND. 1 (100 G's)
OPERATING TEMPERATURE (°C)	-55 TO +125		
VSWR (MAXIMUM)	DC-4.0: 1.05:1	THERMAL SHOCK	MIL-STD-202 METHOD 107G COND. B (-65 TO +125° C)
	4.0-8.0: 1.10:1		
	8.0-12.0: 1.15:1		
	12.0-18.0: 1.25:1		
AVERAGE POWER (WATTS)	2.0	BAROMETRIC PRESSURE	MIL-STD-202 METHOD 105 COND. C
DC RESISTANCE	50 OHMS ± 5%	INTERFACE DIMENSIONS	MIL-C-39012C SMA SERIES
		TORQUE REQUIREMENT	MIL-D-39030/ SMA SERIES 7-10 IN/LBS (PER PAIR)
<p style="text-align: center;"><u>AVERAGE POWER DERATING</u></p>			

TITLE TERMINATION, SMA PLUG  
2 WATT W/CHAIN



P.O. BOX 899  
STUART, FL. 34995

DRAWN GEC 04/06/98

SHEET 2 OF 2

DRAWING NO.

12-0024

REV.

A