

1. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ± 0.010 " (.254mm)

CAD#120013A2

DRAWING NO.

12-0013

REV.

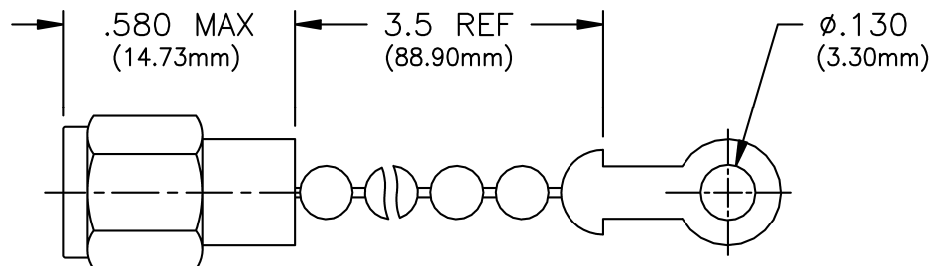
A

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#02031	08/96	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	CAGE CODE ID NO.
2X	2Y194
SIZE	
A	
APPR.	CHK
	RF 08/27/96

FLORIDA RF Labs INC.

P.O. BOX 899
STUART, FL. 34995

TITLE
TERMINATION, POLARIZED SMA
PLUG, 1 WATT W/CHAIN

DRAWING NO.	REV.
12-0013	A
DRAWN PSC 8/26/96	SHEET 1 OF 2

CAD#120013A3

DRAWING NO.

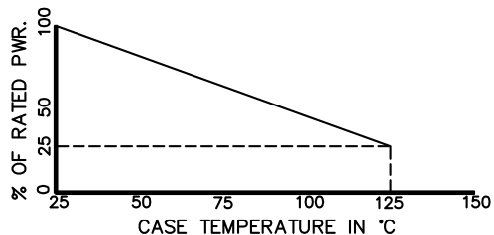
12-0013

REV.

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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)	1.25:1	THERMAL SHOCK	MIL-STD-202 METHOD 107G COND. B (-65 TO +125° C)
AVERAGE POWER (WATTS)	1.0		
DC RESISTANCE	50 OHMS ± 5%	BAROMETRIC PRESSURE	MIL-STD-202 METHOD 105 COND. C
		INTERFACE DIMENSIONS	MIL-C-39012C SMA SERIES
		TORQUE REQUIREMENT	MIL-D-39030/ SMA SERIES 7-10 IN/LBS (PER PAIR)

AVERAGE POWER DERATING



TITLE TERMINATION, POLARIZED SMA PLUG, 1 WATT W/CHAIN



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DRAWN PSC 8/26/96

SHEET 2 OF 2

DRAWING NO.

12-0013

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