

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

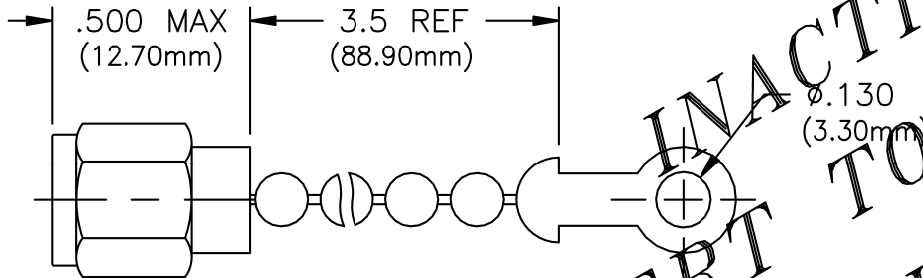
CAD#120014A2

DRAWING NO.

12-0014

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

INACTIVE
CONVERT TO EMC ROD.
REF. ECR F03-08

A	DCN#0786	07/98	
N/C	RLSE#02092	02/97	MTG
REV.	DESCRIPTION	DATE	APPR.

UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE AFTER PLATING
2. DIAMETERS ON COMMON ϕ TO BE CONCENTRIC WITHIN $\frac{1}{16}$ T.I.R.
3. SURFACE ROUGHNESS \checkmark
4. CORNERS AND EDGES R. MAX.
5. REMOVE BURRS AND BREAK SHARP EDGES

TOLERANCES

DECIMAL	FRACTION	ANGLES
.X \pm		
.XX \pm	\pm	\pm
.XXX \pm		

ALL DIMENSIONS ARE IN INCHES

REFERENCE _____		
MATERIAL _____		
FINISH _____		
SCALE	CAGE CODE ID NO.	SIZE
2X	2Y194	A
APPR.	CHK	
MTG 02/10/97	RF 02/10/97	

FLORIDA RF Labs INC.

P.O. BOX 899
STUART, FL. 34995

TITLE
TERMINATION, SMA PLUG
2 WATT W/CHAIN

DRAWING NO.	REV.
12-0014	A
DRAWN PSC 2/5/97	SHEET 1 OF 2

CAD#120014A3

DRAWING NO.

12-0014

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	BAROMETRIC PRESSURE	MIL-STD-202 METHOD 105 COND. C
	12.0-18.0: 1.25:1		
AVERAGE POWER (WATTS)	2.0	INTERFACE DIMENSIONS	MIL-C-39012C SMA SERIES
DC RESISTANCE	50 OHMS ± 5%		
<p style="text-align: center;"><u>AVERAGE POWER DERATING</u></p>		TORQUE REQUIREMENT	MIL-D-39030/ SMA SERIES 7-10 IN/LBS (PER PAIR)

TITLE TERMINATION, SMA PLUG
2 WATT W/CHAIN



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DRAWN PSC 2/5/97
SHEET 2 OF 2

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