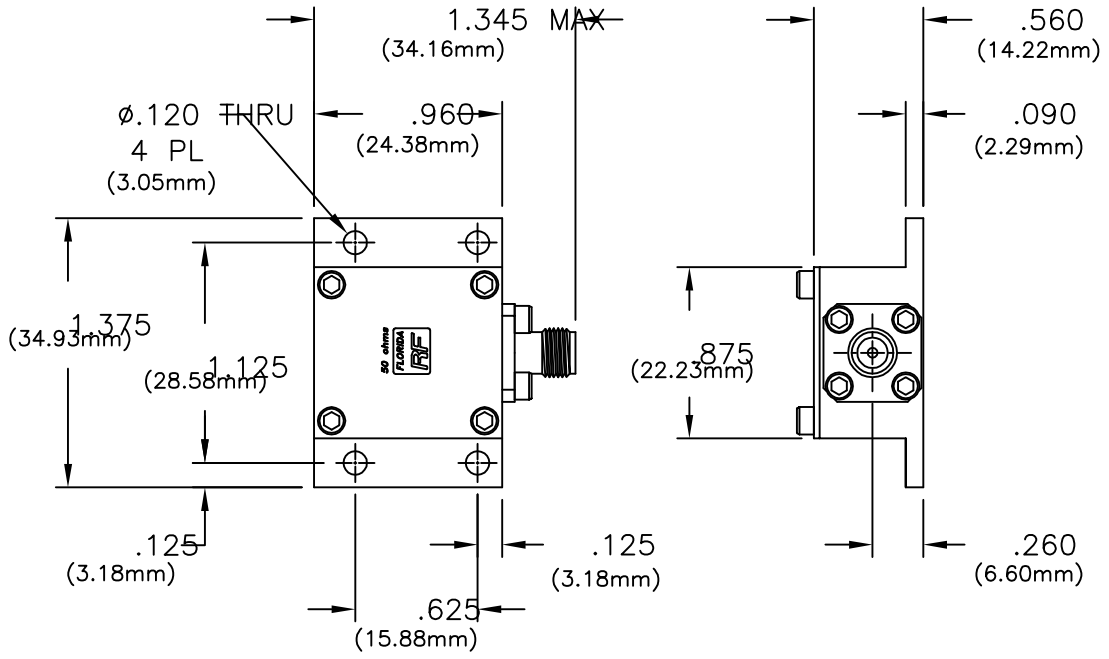
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ±.005" (.127mm)

CAD#123007SFA2

DRAWING NO.	REV.
12-3007SF	A



MATERIALS:

BASE HOUSING: ALUMINUM
SUBSTRATE: BERYLLIUM OXIDE
RESISTIVE FILM: NICHROME
SCREWS: STAINLESS STEEL
CONNECTOR:
BODY: STAINLESS STEEL PER QQ-S-764
CLASS 303 OR ASTM-A-582-80
CONTACT: BERYLLIUM COPPER PER QQ-C-530
INSULATOR: TEFLON PER L-P-403 OR
ASTM-D-1710

FINISH:

BASE HOUSING: NICKEL PER MIL-C-26074E
CONNECTOR:
BODY: CORROSION RESISTANT IAW MIL-STD-202
CONTACT: GOLD PER MIL-G-45204B

REV.	DESCRIPTION	DATE	APPR.
A	DCN#0608	03/98	
N/C	RLSE#02126	4/97	MTG

UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE AFTER PLATING
2. DIAMETERS ON COMMON ℄ 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: CATALOG

MATERIAL: _____

FINISH: _____

SCALE	CAGE CODE ID NO.	SIZE
1X	2Y194	A

APPR. R FIELDS 05/02/97 | CHK PSC 05/02/97

FLORIDA RF Labs INC.
P.O. BOX 899
STUART, FL. 34995

TITLE: TERMINATION, SMA JACK, 100 WATT

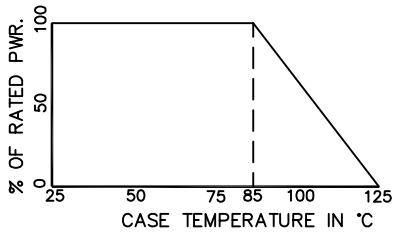
DRAWING NO.	REV.
12-3007SF	A

DRAWN GEC 04/04/97 | SHEET 1 OF 2

CAD#123007SFA3 | DRAWING NO. 12-3007SF | REV. A

REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)	50
FREQUENCY RANGE (GHz)	DC – 3.0
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM
OPERATING TEMPERATURE (°C)	–55 TO +125
VSWR (MAXIMUM)	DC – 3.0 GHz: 1.25:1
AVERAGE POWER (WATTS)	100
DC RESISTANCE	50 OHMS ± 5%

AVERAGE POWER DERATING



REQUIREMENTS	RATING
INTERFACE DIMENSIONS	MIL–STD–39012 /SMA Series
VIBRATION	MIL–STD–202 METHOD 204 COND. D (20 G's)
SHOCK	MIL–STD–202 METHOD 213 COND. 1 (100 G's)
THERMAL SHOCK	MIL–STD–202 METHOD 107 COND. B (–65 TO +125)°C
BAROMETRIC PRESSURE	MIL–STD–202 METHOD 105 COND. C

TITLE TERMINATION, SMA JACK, 100 WATT

FLORIDA RF Labs INC.
P.O. BOX 899
Stuart, FL. 34995

DRAWN GEC 4/7/97
SHEET 2 OF 2

DRAWING NO. 12-3007SF | REV. A