

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE $\pm 0.005"$ (.127mm)

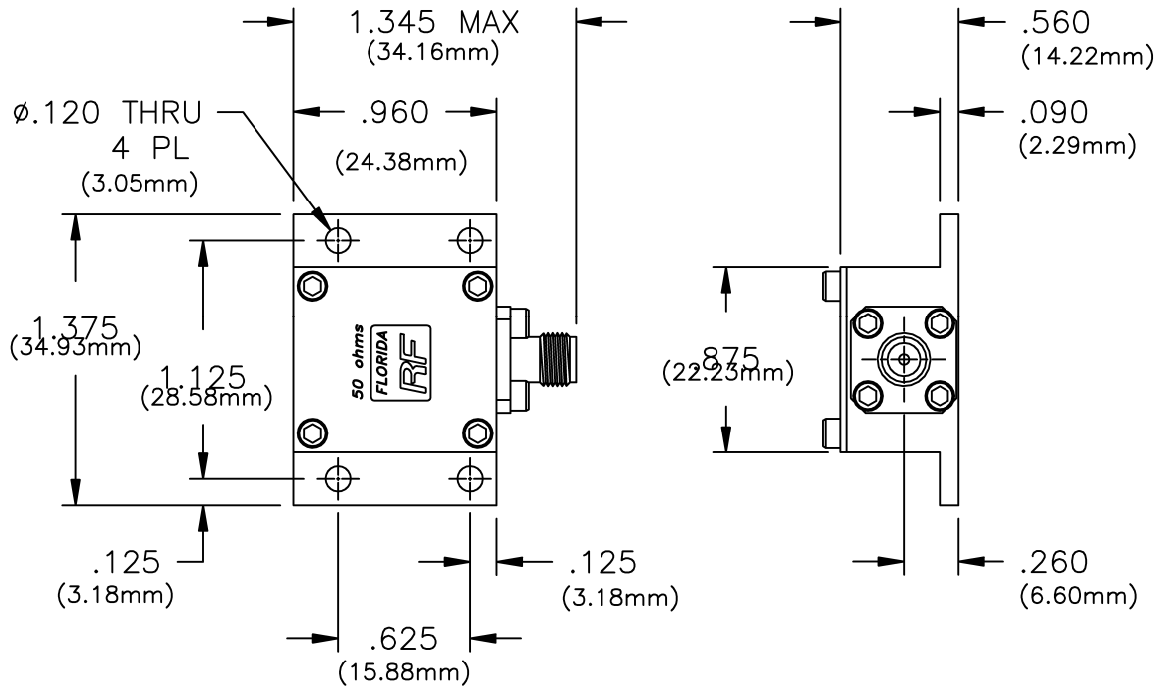
CAD#123005SFA2

DRAWING NO.

12-3005SF

REV.

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
 COND. H, ALLOY 173
 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

A	DCN#0708	03/98	
N/C	RLSE#02126	4/97	MTG
REV.	DESCRIPTION	DATE	APPR.

UNLESS OTHERWISE SPECIFIED

- DIMENSIONS ARE AFTER PLATING
- DIAMETERS ON COMMON Q TO BE CONCENTRIC WITHIN T.I.R.
- SURFACE ROUGHNESS R. MAX.
- CORNERS AND EDGES R. MAX.
- REMOVE BURRS AND BREAK SHARP EDGES

TOLERANCES

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

ALL DIMENSIONS ARE IN INCHES

REFERENCE	CATALOG	
MATERIAL	_____	
FINISH	_____	
SCALE	CAGE CODE ID NO.	SIZE
1X	2Y194	A
APPR.	R FIELDS 05/06/97	CHK PSC 05/02/97

		P.O. BOX 899 STUART, FL. 34995	
TITLE			
TERMINATION, SMA JACK, 50 WATT			
DRAWING NO.		REV.	
12-3005SF		A	
DRAWN	GEC	SHEET	OF
04/03/97		1	2

CAD#123005SFA3

DRAWING NO.

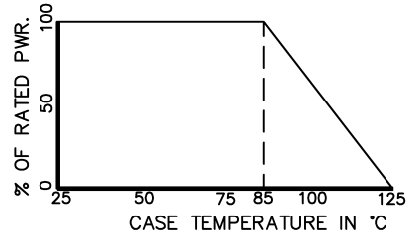
12-3005SF

REV.

A

REQUIREMENTS	RATING	REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)	50	INTERFACE DIMENSIONS	MIL-STD-39012 /SMA Series
FREQUENCY RANGE (GHz)	DC - 6.0		
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)
OPERATING TEMPERATURE (°C)	-55 TO +125		
VSWR (MAXIMUM)	DC - 3.0 GHz: 1.25:1 3.0 - 6.0 GHz: 1.35:1	SHOCK	MIL-STD-202 METHOD 213 COND. 1 (100 G's)
AVERAGE POWER (WATTS)	50		
DC RESISTANCE	50 OHMS ± 5%	THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125)°C
		BAROMETRIC PRESSURE	MIL-STD-202 METHOD 105 COND. C

AVERAGE POWER DERATING



TITLE TERMINATION, SMA JACK, 50 WATT



P.O. BOX 899
Stuart, FL. 34995

DRAWN GEC 4/7/97
SHEET 2 OF 2

DRAWING NO. 12-3005SF

REV. A