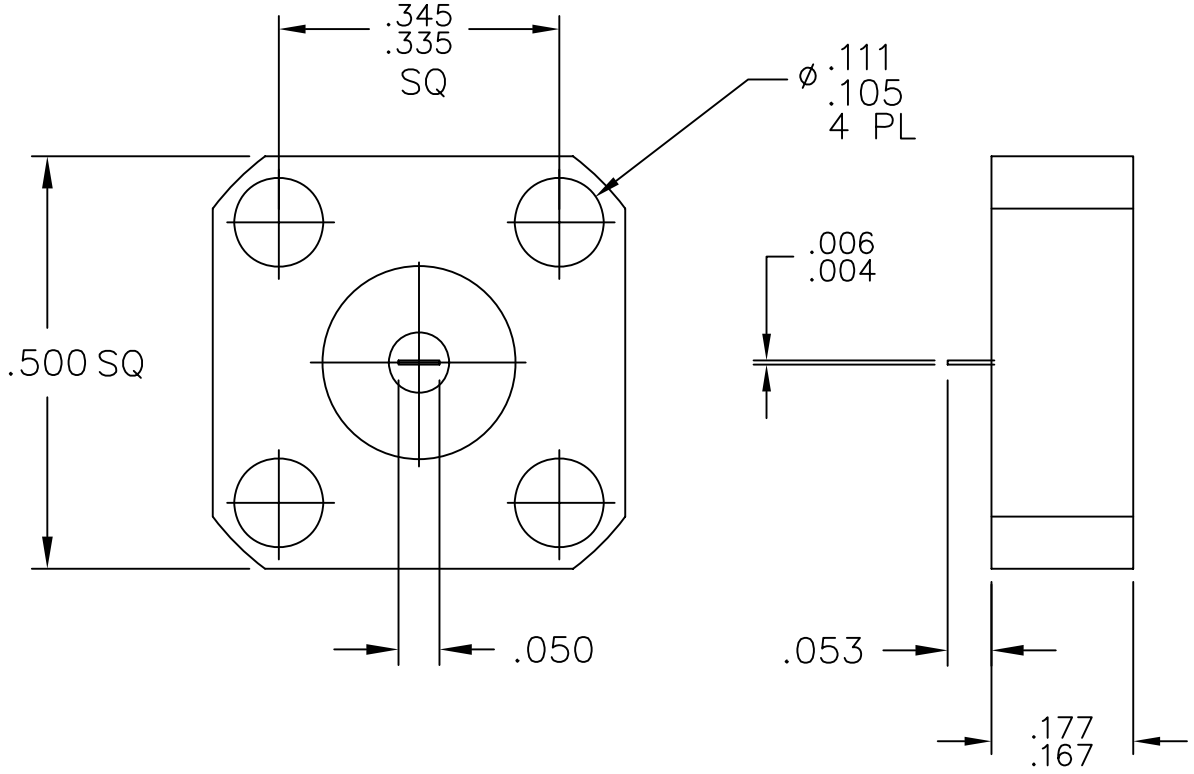
EDD

DRAWING NO.	REV.
42–1058	A

1. UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ± .010



MATERIALS:

BODY: COPPER PER ASTM B301
CONTACT: BERYLLIUM COPPER PER QQ–C–530
INSULATOR: TEFLON PER MIL–P–19468
SUBSTRATE: BERYLLIUM OXIDE
RESISTIVE FILM: NICHROME

FINISH:

BODY: NICKEL PER QQ–N–290
CONTACT: GOLD PER MIL–G–45204

REV.	DESCRIPTION	DATE	APPR.
A	08–F0808	9/08	
N/C	RLSE#02093	2/97	

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

MATERIAL

FINISH

SCALE	CAGE CODE ID NO.	SIZE
4X	2Y194	A

APPR. | CHK

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

TITLE
TERMINATION, FLANGE
20 WATT

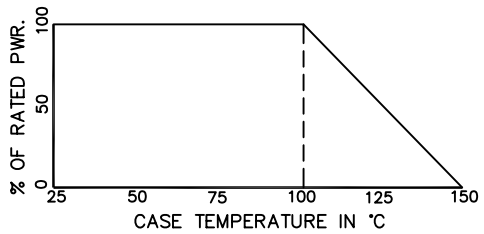
DRAWING NO.	REV.
42–1058	A

DRAWN PSC 2/3/97 | SHEET | OF

DRAWING NO.	REV.
42-1058	A

REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)	50
FREQUENCY RANGE (GHz)	DC TO 18.0
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM
TEMPERATURE RATING (°C)	−55 TO +125
VSWR (MAXIMUM)	DC−4.0: 1.10:1
	4.0−8.0: 1.15:1
	8.0−12.0: 1.20:1
	12.0−18.0: 1.30:1
AVERAGE POWER (WATTS)	20
DC RESISTANCE	50 OHMS ± 5%

AVERAGE POWER DERATING



REQUIREMENTS	RATING
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)
TERMINAL STRENGTH	2 LBS MINIMUM PULL
MOISTURE RESISTANCE	MIL−STD−202 METHOD 106 (LESS STEP 7B)
SOLDERABILITY	MIL−STD−202 METHOD 208
RESISTANCE TO SOLDER HEAT	MIL−STD−202 METHOD 210 COND. A

TITLE			DRAWN	DRAWING NO.	REV.
TERMINATION, FLANGE 20 WATT	FLORIDA RF Labs INC. P.O. BOX 899 STUART, FL. 34995		PSC 02/03/97	42−1058	A
			SHEET 2 OF 2		