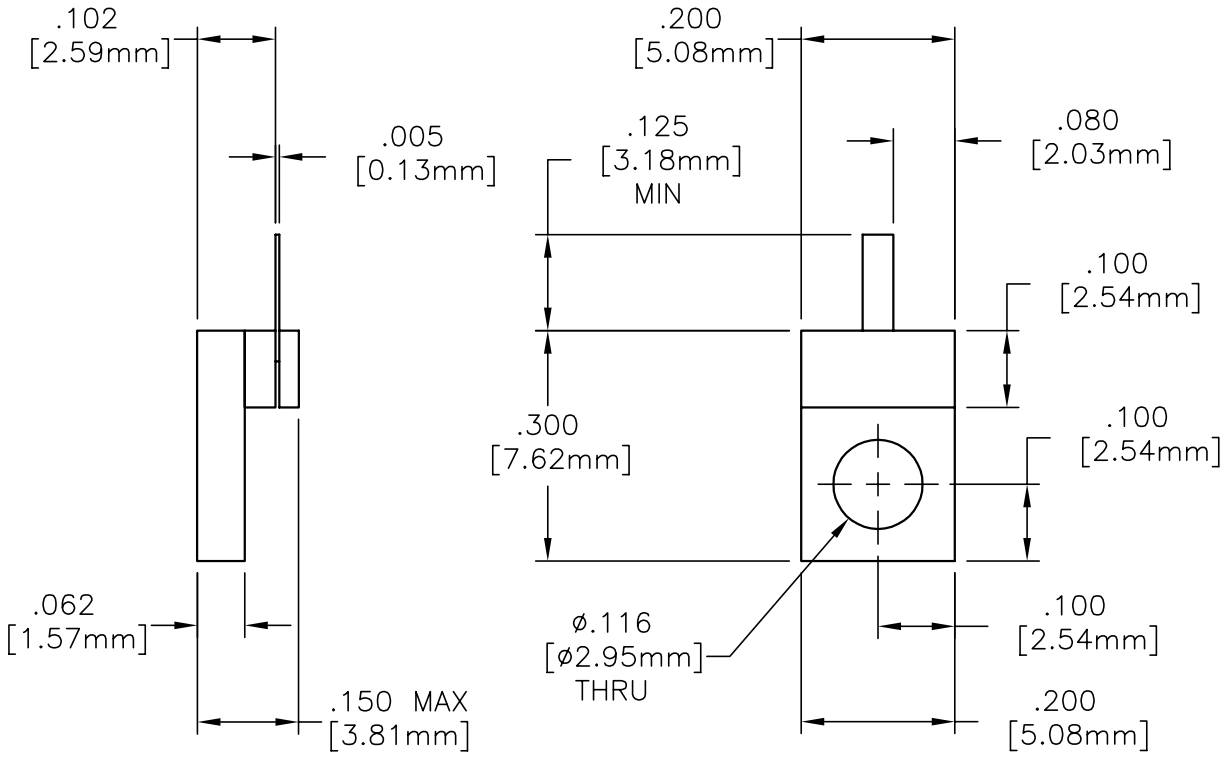
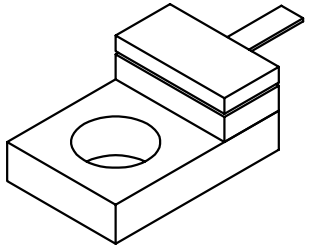
EDD

NOTES:
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ± .010" [.254mm].

CAD#32-7017

DRAWING NO.:	REV.
32-7017	N/C





MATERIALS:
MTG. FLANGE: OFHC 1/4 HD
SUBSTRATE: ALUMINUM NITRIDE
COVER: ALUMINA
TAB: BERYLLIUM COPPER PER ASTM B194
RESISTIVE FILM: NICHROME

FINISH:
MTG. FLANGE: NICKEL OVER COPPER
TAB: TIN/LEAD PER MIL-T-10727

REV.	DESCRIPTION	DRAWN	APVD.

ECN# 00763 | APVD | DATE

UNLESS OTHERWISE SPECIFIED
1. DO NOT SCALE DRAWING
2. DIMENSIONS ARE IN INCHES
3. DIMENSIONS ARE AFTER PLATING
4. CORNERS, EDGES AND FILLETS: R MAX
5. SURFACE ROUGHNESS:
6. REMOVE ALL BURRS

TOLERANCES
.X ±
.XX ±
.XXX ±
ANGLES X° ±

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REFERENCE: CATALOG

MATERIAL: –

FINISH: –

FLORIDA RF Labs INC.
8851 OLD KANSAS AVE.
STUART, FL. 34997
561-286-9300

TITLE: TERMINATION, FLANGE MOUNT, 10 WATT

SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.:	REV.
4/1	2Y194	A	32-7017	N/C

MFG: | CHKD.: | DRAWN: BLP 10/31/01 | SHEET 1 OF 2

EDD

CAD#32-7017	DRAWING NO. 32-7017	REV N/C

REQUIREMENTS	RATING	REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)	50	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)
FREQUENCY RANGE (GHz)	DC-4.0		
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM	SHOCK	MIL-STD-202 METHOD 213 COND. I (100 G's)
OPERATING TEMPERATURE (°C)	-55° TO +150°		
VSWR (MAX)	1.25:1	THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125 °C)
AVERAGE POWER (WATTS)	10		
DC RESISTANCE	50 OHMS ± 5%	TERMINAL STRENGTH	MIL-STD-202 METHOD 211 COND. A
		MOISTURE RESISTANCE	MIL-STD-202 METHOD 106 LESS STEP 7B
AVERAGE POWER DERATING % OF RATED PWR 0 25 50 75 100 25 50 75 100 125 150 CASE TEMPERATURE IN °C		SOLDERABILITY	MIL-STD-202 METHOD 208
		RESISTANCE TO SOLDER HEAT	MIL-STD-202 METHOD 210

TITLE			DRAWING NO.	REV
TERMINATION, FLANGE MOUNT, 10 WATT	FLORIDA RF Labs 8851 OLD KANSAS AVE. STUART, FL. 34997 561-286-9300	DRAWN – SHEET 2 OF 2	32-7017	N/C