

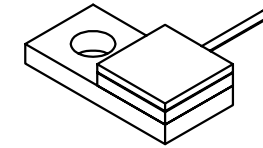
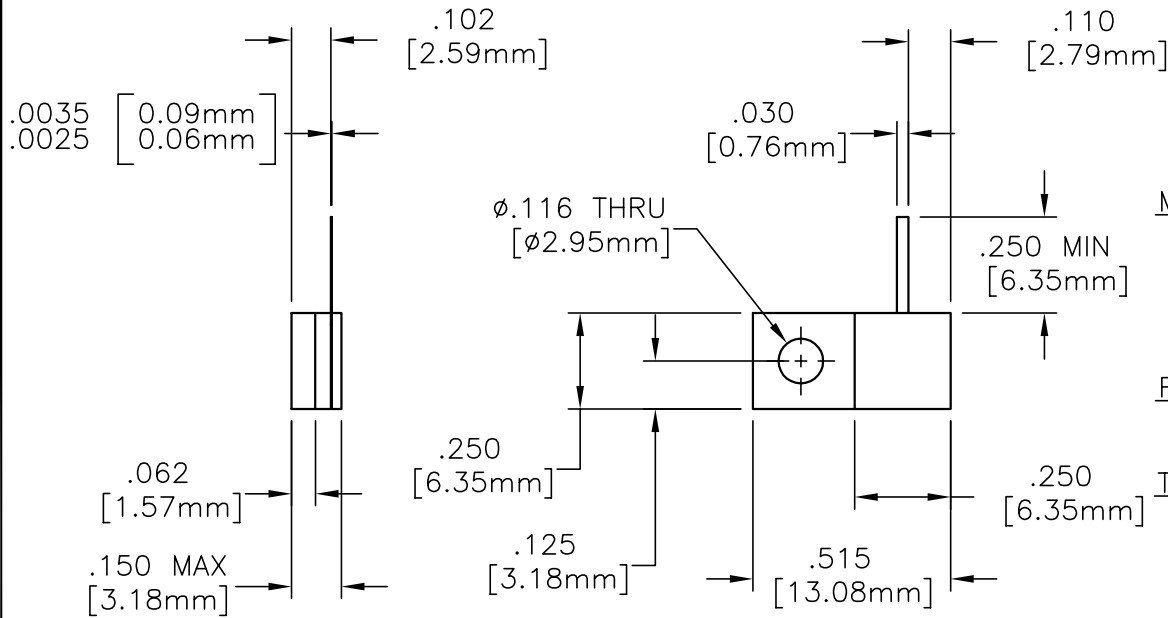
EDD

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

CAD#32-7164E

DRAWING NO.:
32-7164

REV.
E



MATERIALS:


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

FINISH:

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

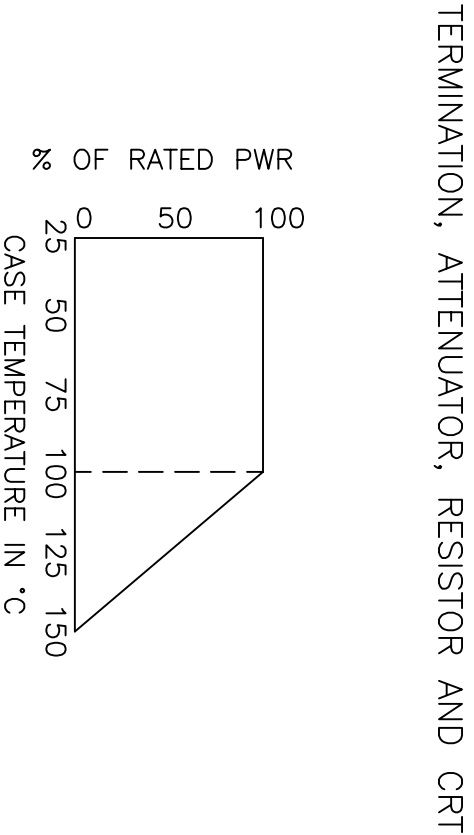
TECHNICAL:

NOMINAL IMPEDANCE (OHMS): 50
FREQUENCY RANGE (GHz): DC-4.0
TEMPERATURE COEFFICIENT: ± 200 PPM/°C MAX
OPERATING TEMPERATURE (°C): -55° TO +150°
VSWR (MAX): 1.08:1 DC-2.0 GHz
1.20:1 2.0-4.0 GHz
AVERAGE POWER (WATTS): 100
DC RESISTANCE: 50.0 OHMS ± 5%

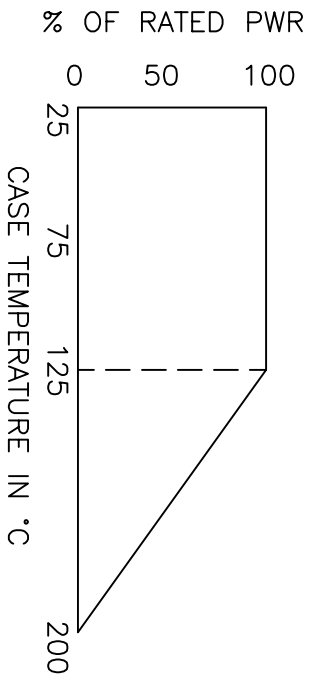
				ECN# N/A	APVD	DATE	REFERENCE	 8851 OLD KANSAS AVE. STUART, FL. 34997 561-286-9300			
				UNLESS OTHERWISE SPECIFIED			MATERIAL		TITLE TERMINATION, FLANGE MOUNT, 100 WATT		
				1. DO NOT SCALE DRAWING 2. DIMENSIONS ARE IN INCHES 3. DIMENSIONS ARE AFTER PLATING 4. CORNERS, EDGES AND FILLETS: R MAX 5. SURFACE ROUGHNESS: 6. REMOVE ALL BURRS			FINISH				
				TOLERANCES							
				.X ±							
				.XX ±							
				.XXX ±							
				ANGLES X° ±							
E	ECN#01243	BLP 01/29/02		THE INFORMATION CONTAINED HEREIN IS: (A) CONSIDERED PROPRIETARY TO FLORIDA RF LABS INC.; (B) PROTECTED BY COPYRIGHT OWNED BY FLORIDA RF LABS INC.; (C) CONSIDERED A "WORK FOR HIRE" UNDER COPYRIGHT LAW; (D) PROTECTED BY TRADE SECRET LAWS WHICH MAKE ILLEGAL THE MISAPPROPRIATION OF THIS INFORMATION; AND (E) IS TO BE USED SOLELY FOR THE PURPOSE WHICH IT IS SUPPLIED. THIS INFORMATION SHALL NOT BE DISCLOSED IN WHOLE OR IN PART, TO ANY PARTY, FOR ANY REASON WITHOUT THE EXPRESS WRITTEN CONSENT OF A QUALIFIED EXECUTIVE OF FLORIDA RF LABS INC.			SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.:	REV.
D	ECN#01037	JAD 10/11/01	PSC 10/26/01	2/1	2Y194	A	32-7164	E			
C	ECN#00611	PSC 09/18/01	NAK 09/25/01	MFG:	CHKD.:	DRAWN:	SHEET	OF			
REV.	DESCRIPTION	DRAWN	APVD.	MJK 10/25/01	NAK 09/25/01	PSC 09/18/01					

<u>REQUIREMENTS</u>	<u>RATING</u>
VIBRATION, HIGH FREQUENCY 10-2000 Hz	MIL-STD-202 METHOD 204 COND. D (20 G's)
SHOCK -MECHANICAL	MIL-STD-202 METHOD 213 COND. 1 (100 G's) SAWTOOTH WAVEFORM
THERMAL SHOCK -AIR TO AIR	MIL-STD-202 METHOD 107 COND. B (-65 TO +125 °C) 5 CYCLES, 30 MIN. @ EACH EXTREME
TERMINAL STRENGTH	MIL-STD-202 METHOD 211 COND. A -PULL TEST METHOD
MOISTURE RESISTANCE	MIL-STD-202 METHOD 106 LESS STEP 7B 10 CYCLES, 24 HR/CYCLE
SOLDERABILITY	MIL-STD-202 METHOD 208
RESISTANCE TO SOLDER HEAT	MIL-STD-202 METHOD 210 COND A -SOLDER IRON

AVERAGE POWER DERATING



HIGH TEMPERATURE FLANGE MOUNT COMPONENTS
6X-XXXX SERIES



TITLE
RESISTIVE PRODUCT SPECIFICATION SHEET