

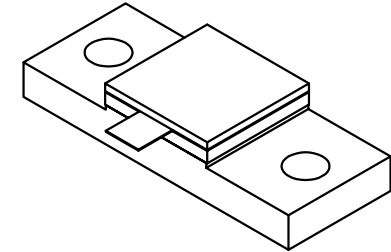
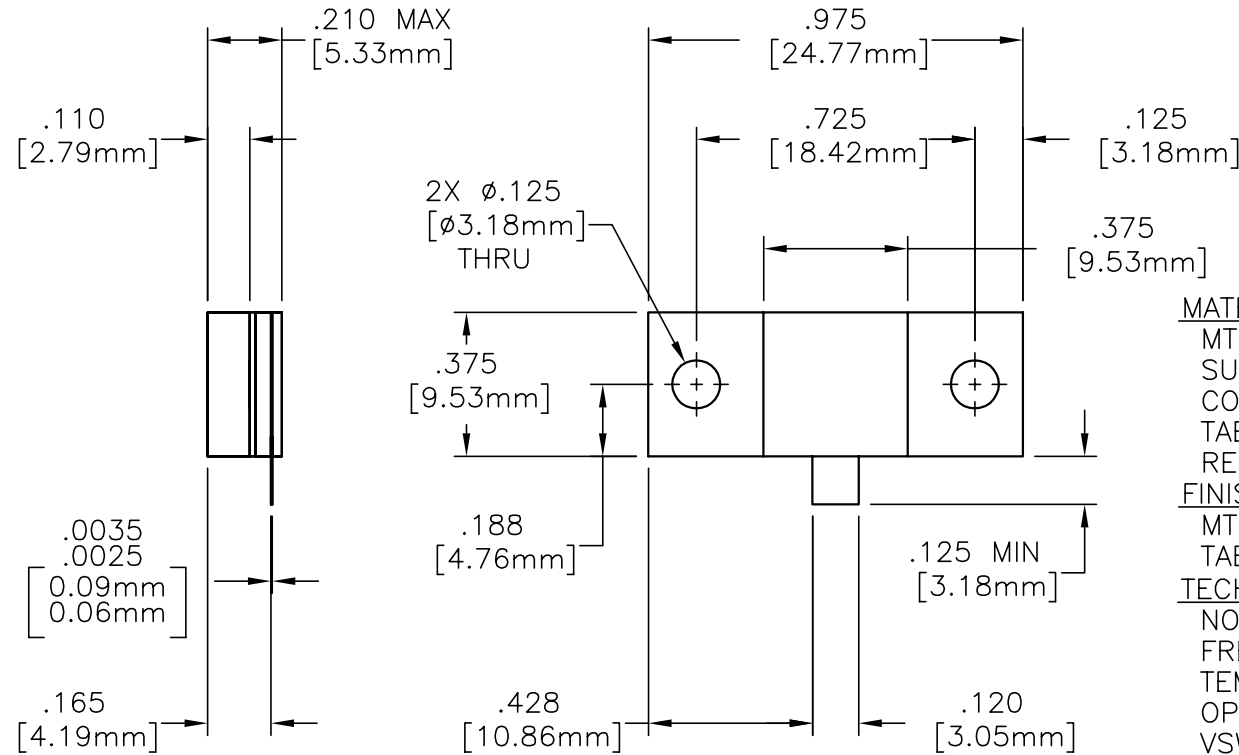
EDD

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

CAD#32-7037A

DRAWING NO.:  
**32-7037**

REV.  
**A**



MATERIALS:


MTG. FLANGE: COPPER PER ASTM B301  
SUBSTRATE: ALUMINUM NITRIDE  
COVER: ALUMINA  
TAB: BERYLLIUM COPPER PER ASTM B194  
RESISTIVE FILM: NICHROME

FINISH:

MTG. FLANGE: NICKEL PER QQ-N-290  
TAB: TIN/LEAD PER MIL-T-10727

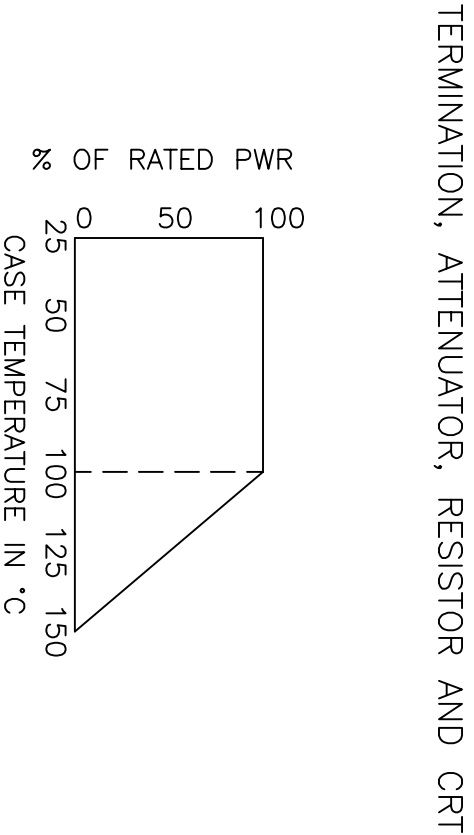
TECHNICAL:

NOMINAL IMPEDANCE (OHMS): 50  
FREQUENCY RANGE (GHz): DC-2.7  
TEMPERATURE COEFFICIENT: < 200 PPM  
OPERATING TEMPERATURE (°C): -55° TO +150°  
VSWR (MAX): 1.30:1  
AVERAGE POWER (WATTS): 250  
DC RESISTANCE: 50.0 OHMS ± 5%

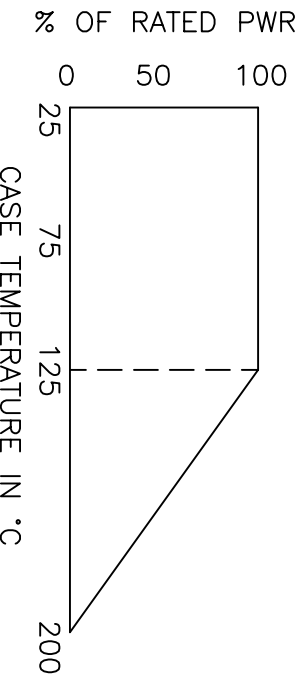
				ECN# 00960	APVD NR	DATE 09/14/01	REFERENCE	 8851 OLD KANSAS AVE. STUART, FL. 34997 561-286-9300			
				UNLESS OTHERWISE SPECIFIED			MATERIAL				
				1. DO NOT SCALE DRAWING 2. DIMENSIONS ARE IN INCHES 3. DIMENSIONS ARE AFTER PLATING 4. CORNERS, EDGES AND FILLETS: R MAX 5. SURFACE ROUGHNESS: 6. REMOVE ALL BURRS			FINISH	TITLE			
				TOLERANCES .X ± .XX ± .XXX ± ANGLES X° ±				<b>TERMINATION, FLANGE MOUNT, 250 WATT</b>			
				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 2/1	CAGE CODE ID NO. 2Y194	SIZE A	DRAWING NO.: 32-7037	REV. A
REV.	DESCRIPTION	DRAWN	APVD.	MFG: MJK 09/19/01	CHKD.: NAK 09/11/01	DRAWN: PSC 09/10/01	SHEET OF				

<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. I (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**