

EDD

NOTES:
1. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm .010"$ [0.254mm].

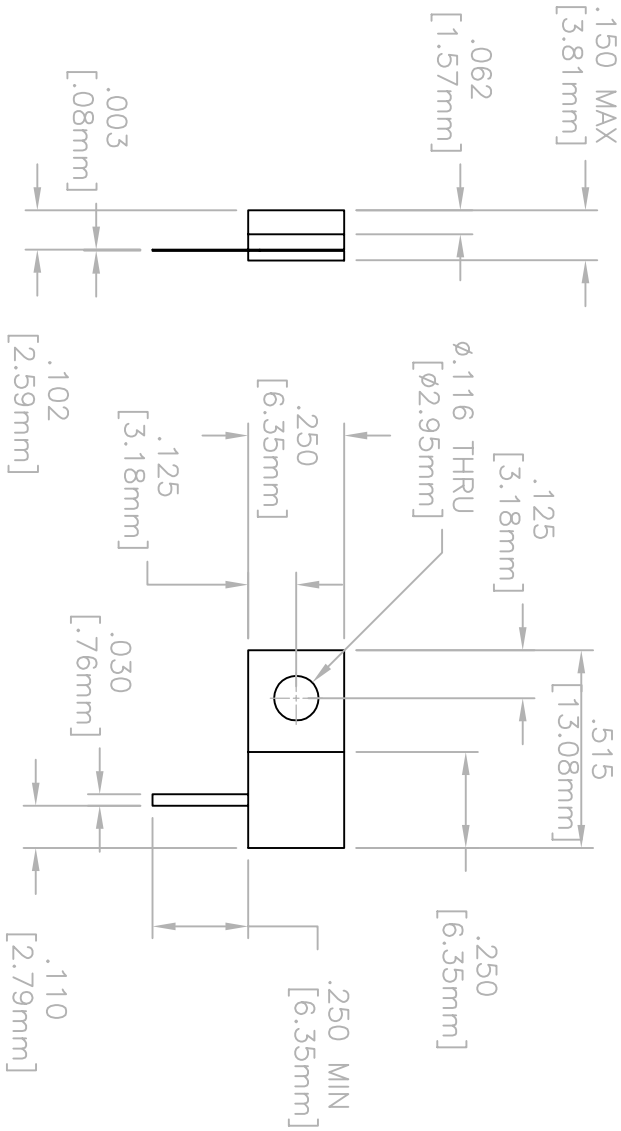
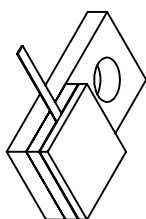
CAD#32-7008

DRAWING NO:

32-7008

REV.

N/C



MATERIALS:

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

FINISH:

MTG. FLANGE: TRI-M3 OVER COPPER
TAB: GOLD PER MIL-G-45204 OVER COPPER

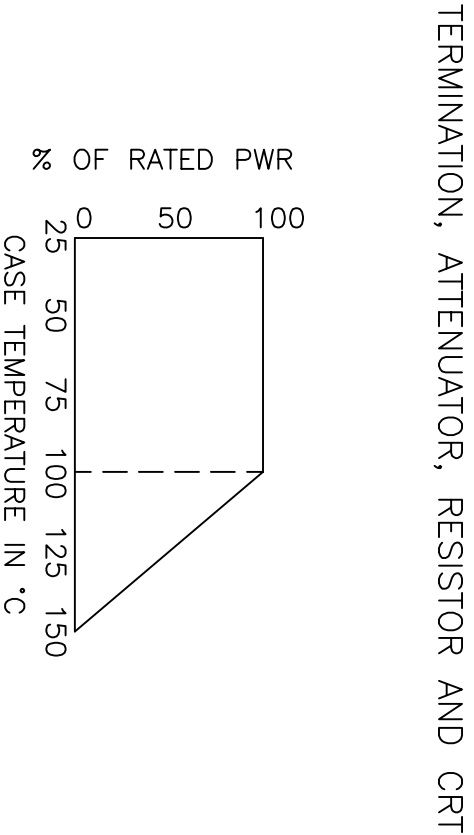
TECHNICAL: (TERMINATION)

NOMINAL IMPEDANCE (OHMS): 50
FREQUENCY RANGE (GHZ): DC - 4.0 GHZ
TEMPERATURE COEFFICIENT: <200 PPM
OPERATING TEMPERATURE (C): -55 TO +150°
VSWR (MAX): 1.25:1
AVERAGE POWER (WATTS): 60
DC RESISTANCE: 50 \pm 5%

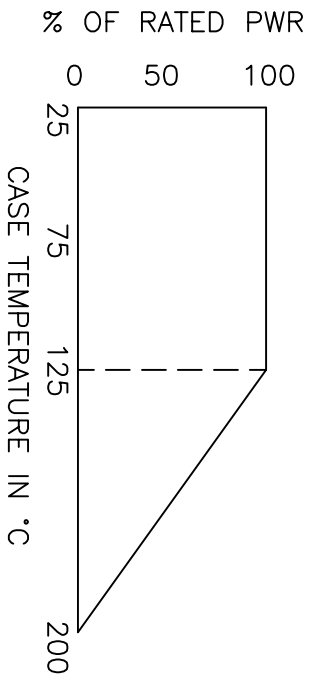
REV.	DESCRIPTION	DRAWN	APVD.	ECN#	00615	APVD	DATE	REFERENCE	SCALE	CAGE CODE	ID NO.	SIZE	DRAWING NO.:	REV.		
				UNLESS OTHERWISE SPECIFIED				-	2/1	2Y194		A	32-7008	N/C		
				1. DO NOT SCALE DRAWING 2. DIMENSIONS ARE IN INCHES 3. DIMENSIONS ARE AFTER PLATING 4. CORNERS, EDGES AND FILETS: R 5. SURFACE ROUGHNESS: 6. REMOVE ALL BURRS				MAX	MATERIAL							
				TOLERANCES					FINISH							
				X \pm .XX \pm .XXX \pm												
				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 LEGAL THE MISAPPROPRIATION OF THIS INFORMATION; AND (E) IS TO BE USED SOLELY FOR THE PURPOSE WHICH IT IS SUPPLIED. THIS INFORMATION IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS FOR ANY REASON WITHOUT THE WRITTEN CONSENT OF A QUALIFIED EXECUTIVE OF FLORIDA RF LABS INC.					MFG:		CHKD.:		DRAWN:	PSC 12/19/01	SHEET	OF
								TITLE					8851 OLD KANSAS AVE. STUART, FL. 34997 561-286-9300			
								TERMINATION, FLANGE MOUNT, 60 WATT								

REQUIREMENTS	RATING
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**