

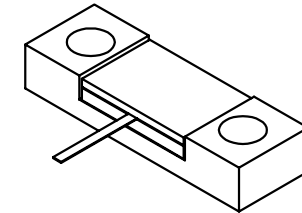
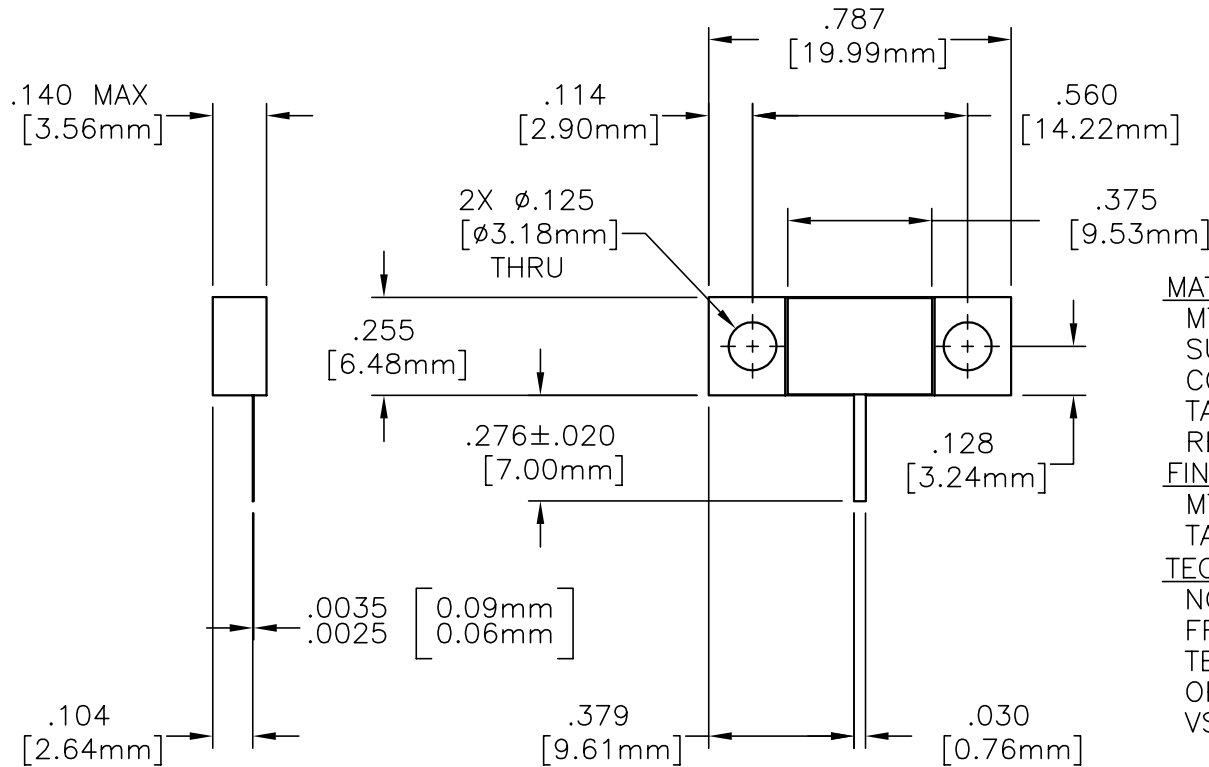
EDD

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

CAD#32-7150C

DRAWING NO.:  
**32-7150**

REV.  
**C**



MATERIALS:


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

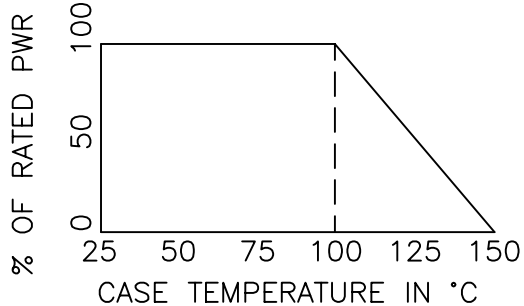
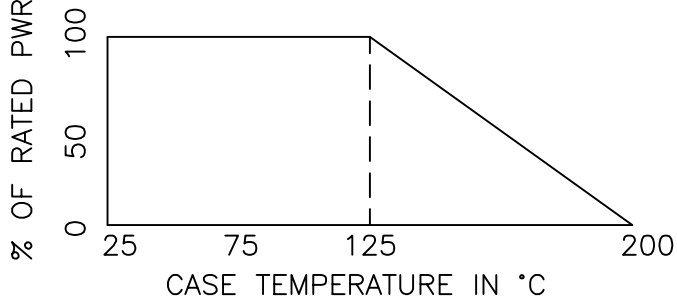
FINISH:

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

TECHNICAL:

NOMINAL IMPEDANCE (OHMS): 50  
FREQUENCY RANGE (GHz): DC-4.0  
TEMPERATURE COEFFICIENT: < 200 PPM  
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): 60  
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 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			MATERIAL		TITLE		
				TOLERANCES .X ± .XX ± .XXX ± ANGLES X° ±			FINISH	<b>TERMINATION, FLANGE MOUNT, 60 WATT</b>			
C	ECN#01214	BLP 01/16/02									
B	ECN#00611	PSC 09/18/01	NAK 09/25/01	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.
A	ECN# N/A	-	-				<b>2/1</b>	<b>2Y194</b>	<b>A</b>	<b>32-7150</b>	<b>C</b>
REV.	DESCRIPTION	DRAWN	APVD.				MFG:	CHKD.: NAK 09/25/01	DRAWN: PSC 09/17/01	SHEET	OF

<u>REQUIREMENTS</u>	<u>RATING</u>	<u>AVERAGE POWER DERATING</u>
VIBRATION, HIGH FREQUENCY 10-2000 Hz	MIL-STD-202 METHOD 204 COND. D (20 G's)	TERMINATION, ATTENUATOR, RESISTOR AND CRT  
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	HIGH TEMPERATURE FLANGE MOUNT COMPONENTS 6X-XXXX SERIES  
RESISTANCE TO SOLDER HEAT	MIL-STD-202 METHOD 210 COND A -SOLDER IRON	

TITLE

# RESISTIVE PRODUCT SPECIFICATION SHEET



8851 OLD KANSAS AVE.  
STUART, FL. 34997  
561-286-9300