

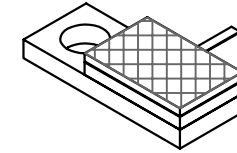
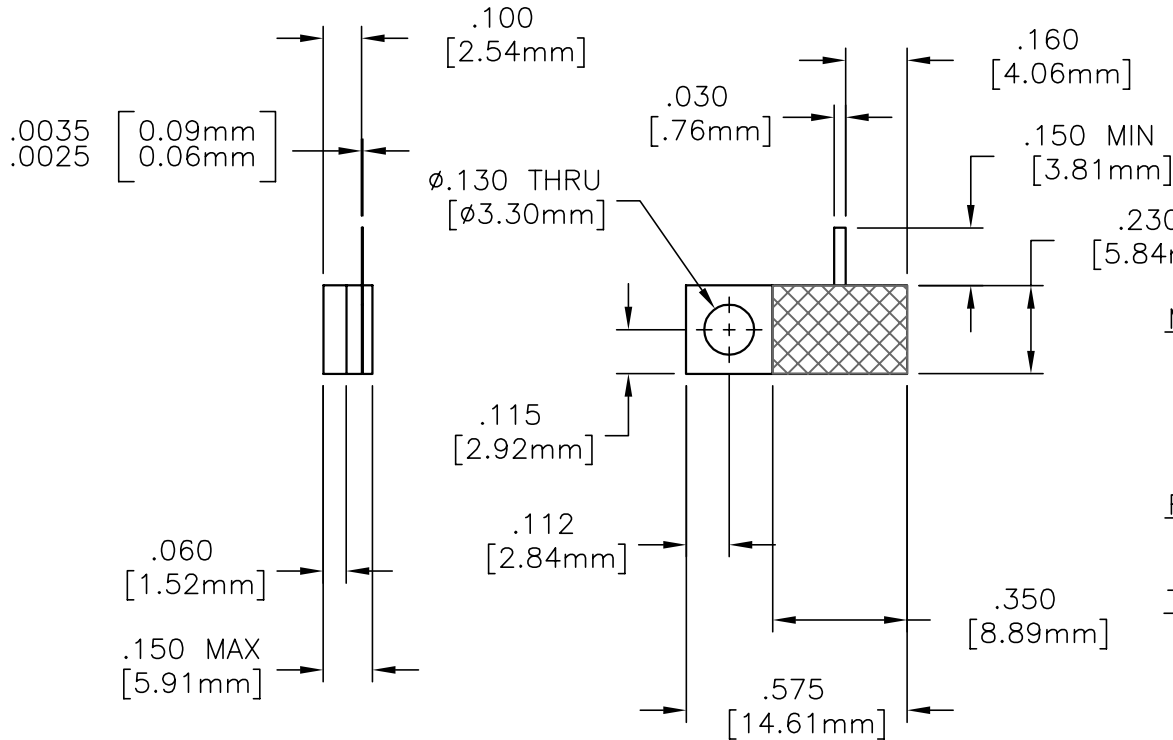
EDD

NOTES:
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm .010$ " [.254mm].

CAD#32-7021A

DRAWING NO.:
32-7021

REV.
A



MATERIALS:


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

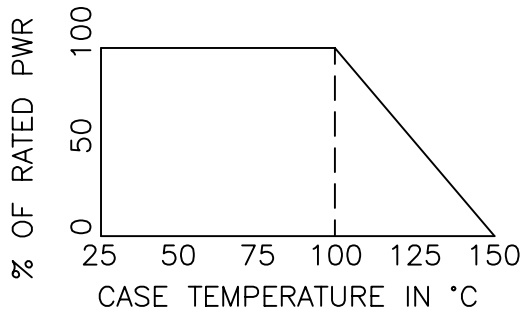
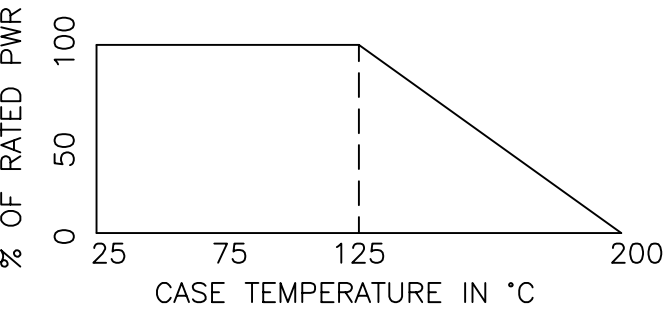
FINISH:

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

TECHNICAL:

NOMINAL IMPEDANCE (OHMS): 50
FREQUENCY RANGE (GHz): DC-2.0
TEMPERATURE COEFFICIENT: < 200 PPM
OPERATING TEMPERATURE (°C): -55° TO +150°
VSWR (MAX): 1.15:1
AVERAGE POWER (WATTS): 120
DC RESISTANCE: 50.0 OHMS \pm 5%

				ECN# 00977	APVD OA	DATE 09/21/01	REFERENCE	 8851 OLD KANSAS AVE. STUART, FL. 34997 561-286-9300			
				UNLESS OTHERWISE SPECIFIED			MATERIAL		TITLE TERMINATION, FLANGE MOUNT, 120 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 \pm .XX \pm .XXX \pm ANGLES X° \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 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.: 32-7021	REV. A
REV.	DESCRIPTION	DRAWN	APVD.				MFG: MJK 09/19/01	CHKD.: NAK 09/19/01	DRAWN: PSC 09/11/01	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**