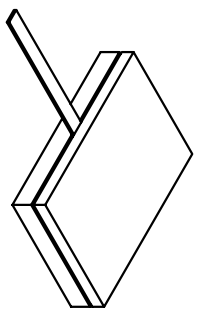
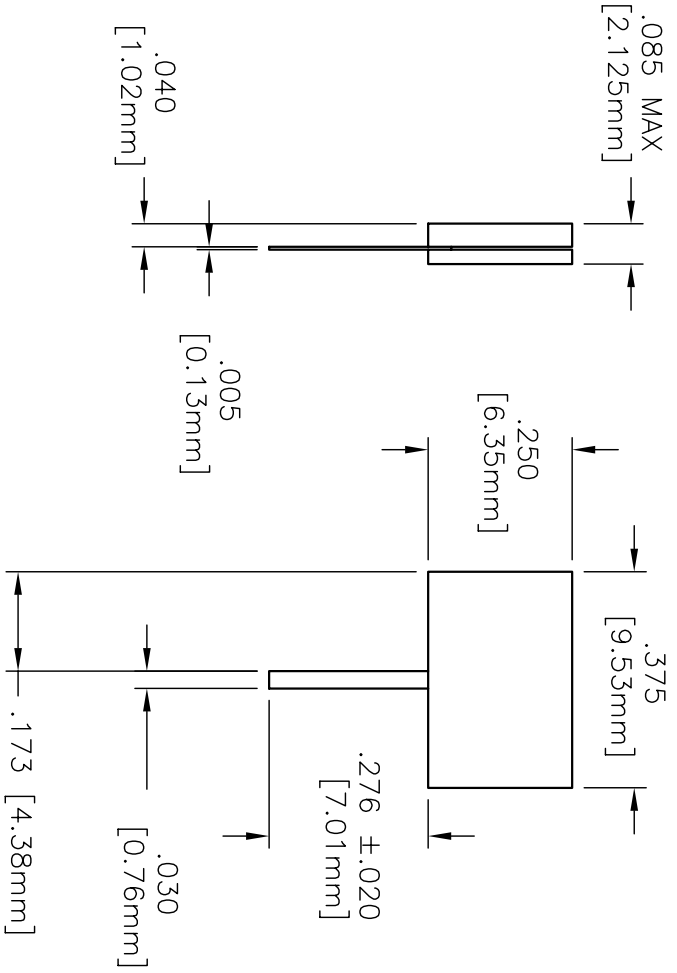


EDD

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


CAD#82-7150TC_B

DRAWING NO.:
82-7150TC REV. **B**



MATERIALS:

SUBSTRATE: ALUMINUM NITRIDE (AIN)
COVER: ALUMINA
TAB: BERYLLIUM COPPER
RESISTIVE FILM: NICHROME
FINISH:
SOLDERABLE GROUND PLANE: TIN/LEAD OVER NICKEL
TAB: TIN PER MIL-T-10727
ELECTRICAL: (TERMINATION)
NOMINAL IMPEDANCE: 50 OHMS
FREQUENCY RANGE: DC-4.0 GHZ
VSWR (MAX): 1.08:1 DC-2.0 GHZ
1.20:1 2.0-4.0 GHZ
AVERAGE POWER: 60 WATTS
DC RESISTANCE: 50 \pm 5% OHMS
TEMPERATURE COEFFICIENT: \pm 200 PPM MAX
OPERATING TEMPERATURE: -55° TO +150° (°C)

REV.	DESCRIPTION	DRAWN	APVD.	ECN#	02243	APVD	DATE	REFERENCE	 8851 OLD KANSAS AVE. STUART, FL. 34997 772-286-9300		
				UNLESS OTHERWISE SPECIFIED							
				1. DO NOT SCALE DRAWING 2. DIMENSIONS ARE IN INCHES 3. DIMENSIONS ARE AFTER PLATING 4. CORNERS, EDGES AND FILLETS: R 5. SURFACE ROUGHNESS 6. REMOVE ALL BURRS					TITLE TAB & COVER, TERMINATION, 60 WATT		
				 .X ± .XX ± .XXX ± ANGLES X ± TOLERANCES							
				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.							
				MFG:	SCALE	CAGE CODE	ID NO.	SIZE	DRAWING NO.:	REV.	
				2/1	2Y194	A	82-7150TC	B			
				CHKD.:	MD	09/02/03			DRAWN:	ALM	
				08/29/03					SHEET	OF	