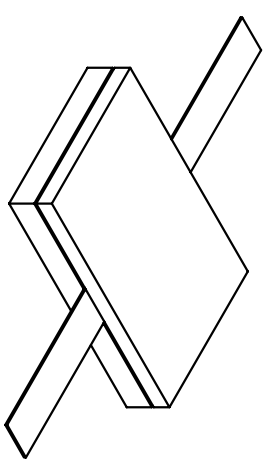
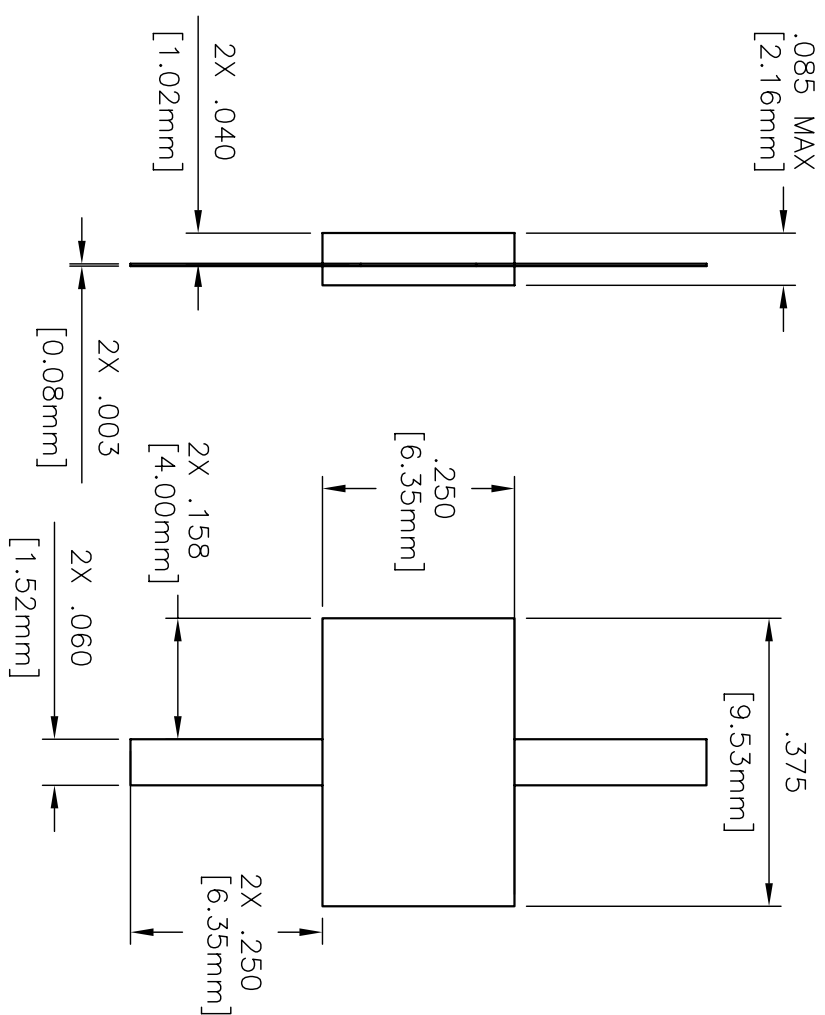


**EDD**

NOTES:  
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ± .010" [0.254mm].

CAD#81-7109TC\_A

DRAWING NO.:  
**81-7109TC-\***  
REV. **A**



MATERIAL:  
 SUBSTRATE: ALUMINUM NITRIDE (AIN)  
 COVER: ALUMINA  
 TAB: BERYLLIUM COPPER PER ASTM B194  
 RESISTIVE FILM: NICHROME

FINISH:  
 SOLDERABLE GROUND PLANE: TIN/LEAD OVER NICKEL  
 TAB: TIN/LEAD PER MIL-T-10727  
ELECTRICAL:  
 \*DC RESISTANCE: 5-200 OHMS  
 FREQUENCY RANGE: DC-1.0 GHZ  
 AVERAGE POWER: 50 WATTS  
 CAPACITANCE: .045 pF  
 TEMPERATURE COEFFICIENT: ± 200 PPM/°C MAX  
 OPERATING TEMPERATURE: -55° TO +150° C

REV.	DESCRIPTION	DRAWN	APVD.	ECN#04-F0164	APVD	DATE	REFERENCE	CATALOG	TITLE	DRAWING NO.:	REV.
				UNLESS OTHERWISE SPECIFIED					<b>TAB &amp; COVER, RESISTOR, 50 WATT</b>	<b>81-7109TC-*</b>	<b>A</b>
				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							
				TOLERANCES							
				.X ±							
				.XX ±							
				.XXX ±							
				ANGLES X° ±							
				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 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				
				4/1	2Y194		A				
				MFG:	CHKD.:	DR					
					07/01/04						
				DRAWN:	AWM						
				05/04/04							
				SHEET	OF						