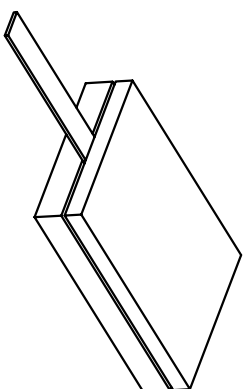
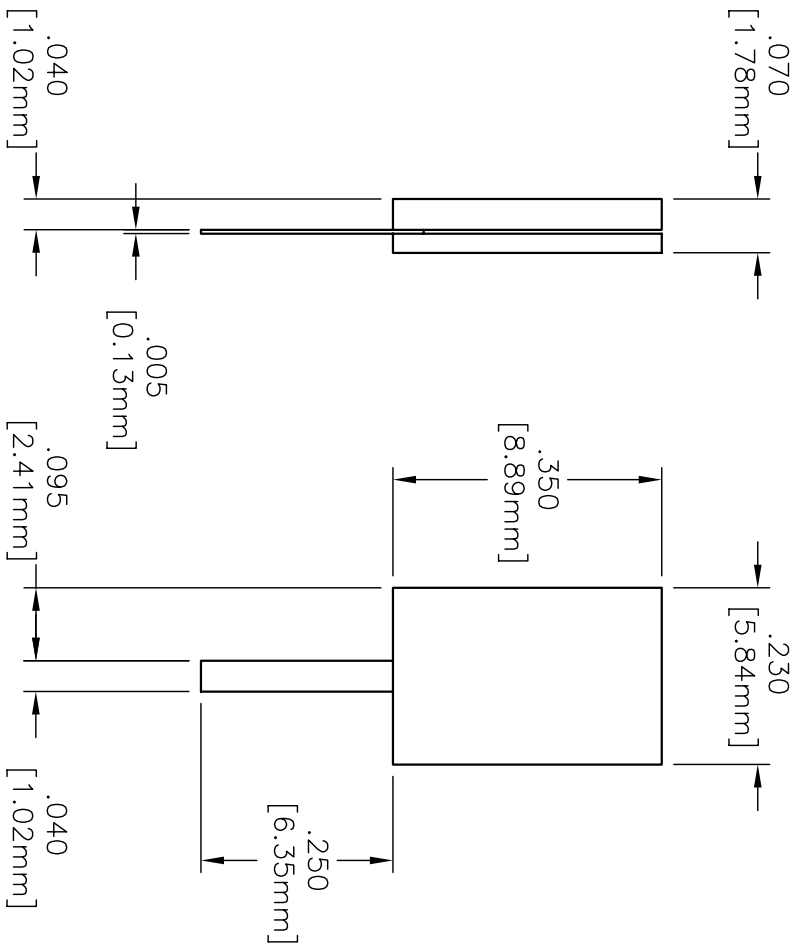


**EDD**

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

CAD#82-3051TC

DRAWING NO.: **82-3051TC** REV. **N/C**



MATERIALS:  
SUBSTRATE: BERYLLIUM OXIDE  
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: (TERMINATION)  
NOMINAL IMPEDANCE: 50 OHMS  
FREQUENCY RANGE: DC-4.0 GHZ  
VSWR (MAX): 1.10:1 DC-2.0  
1.35:1 DC-4.0

AVERAGE POWER: 150 WATTS  
DC RESISTANCE: 50 ± 5% OHMS  
TEMPERATURE COEFFICIENT: ± 200 PPM MAX  
OPERATING TEMPERATURE: -55° TO +150° (°C)

REV.	DESCRIPTION	DRAWN	APVD.	EN# 04-F0164	APVD	DATE
				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: 63		
				6. REMOVE ALL BURRS		
				TOLERANCES		
				.X ±		
				.XX ±		
				.XXX ±		
				ANGLES X ± X		
				<p>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 ONLY FOR THE PURPOSES WHICH IT IS SPECIFICALLY DESIGNED FOR. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF A QUALIFIED EXECUTIVE OF FLORIDA RF LABS INC.</p>		
				REFERENCE	CATALOG	
				MATERIAL	-	
				FINISH	-	
				SCALE	4/1	
				CAGE CODE	2Y194	
				ID NO.		A
				SIZE		
				DRAWING NO.:	82-3051TC	REV. N/C
				DRAWN:	JAD 04/23/04	SHEET OF