

EDD

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

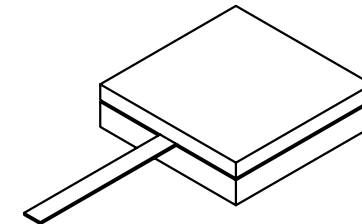
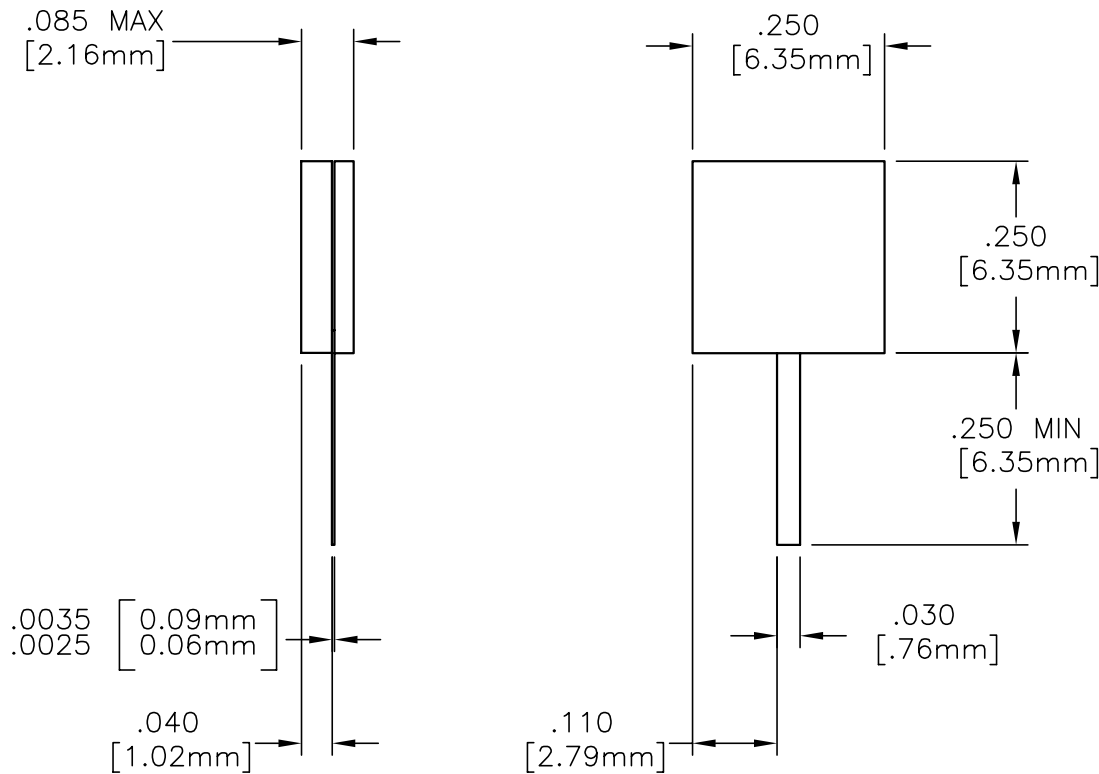
CAD#82-7163TCB

DRAWING NO.:

82-7163TC

REV.

B



MATERIALS:

SUBSTRATE: ALUMINUM NITRIDE

COVER: ALUMINA


TAB: BERYLLIUM COPPER PER QQ-C-533

RESISTIVE FILM: NICHROME

FINISH:

TAB: TIN PLATED PER MIL-T-10727

GROUND PLANE: TIN/LEAD OVER NICKEL

				ECN# -	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 CHIP, TERMINATION 100 WATT			
							FINISH				
				TOLERANCES .X \pm .XX \pm .XXX \pm ANGLES X° \pm			SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.:	REV.
B	ECN#00611	PSC 08/27/01		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.			4/1	2Y194	A	82-7163TC	B
REV.	DESCRIPTION	DRAWN	APVD.				MFG:	CHKD.:	DRAWN: PSC 08/23/01	SHEET 1 OF 2	

EDD

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REQUIREMENTS	RATING	REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)	50	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)
FREQUENCY RANGE (GHz)	DC-4.0 GHz		
TEMPERATURE COEFFICIENT	<200 ppm	SHOCK	MIL-STD-202 METHOD 213 COND. I (100 G's)
OPERATING TEMPERATURE (°C)	-55 to +150		
VSWR (MAX)	1.08:1 DC-2.0 GHz 1.20:1 2.0-4.0 GHz	THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125 °C)
AVERAGE POWER (WATTS)	100		
DC RESISTANCE	50 ± 5%	TERMINAL STRENGTH	MIL-STD-202 METHOD 211 COND. A
		MOISTURE RESISTANCE	MIL-STD-202 METHOD 106 LESS STEP 7B
<p>AVERAGE POWER DERATING</p>		SOLDERABILITY	MIL-STD-202 METHOD 208
			RESISTANCE TO SOLDER HEAT

TITLE CHIP, TERMINATION,
100 WATT



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

DRAWN -

SHEET 2 OF 2

DRAWING NO.

82-7163TC

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