

EDD

NOTES:

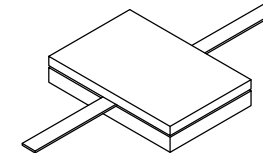
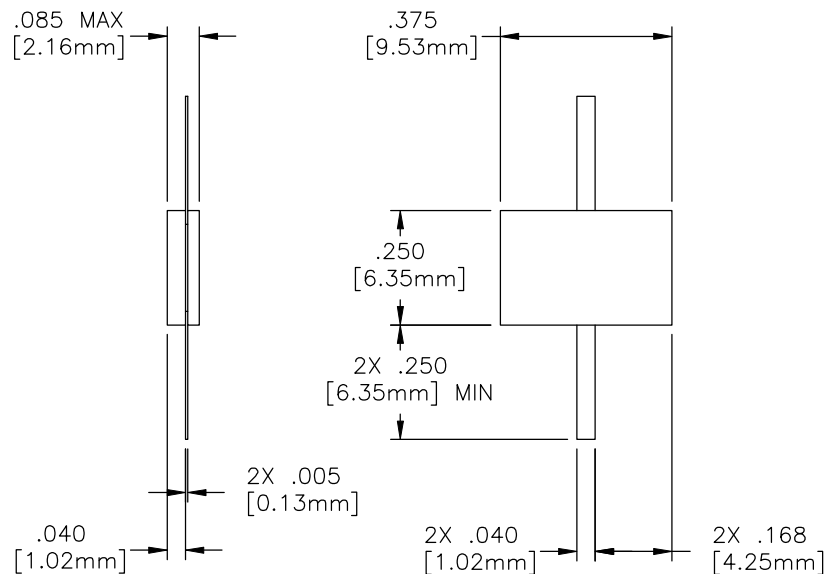
1. UNLESS OTHERWISE SPECIFIED, TOLERANCE ARE $\pm .010"$ (.254mm).

DRAWING NO.:

83A7006TC*F

REV.

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MATERIALS:

SUBSTRATE: ALUMINUM NITRIDE

COVER: ALUMINA OXIDE

TAB: BERYLLIUM COPPER

RESISTIVE FILM: NICHROME

FINISH:

GROUND PLANE: RoHS COMPLIANT SILVER PER QQ-S-365

TAB: GOLD PLATED PER MIL-G-45204

TECHNICAL:

NOMINAL IMPEDANCE: 50 OHMS

ATTENUATION RANGE: 1.0–20.0 dB, 30.0 dB

FREQUENCY RANGE: DC-3.0 GHz

VSWR (MAX): 1.15:1 DC-1.0 GHz

1.25:1 1.0–2.0 GHz

1.30:1 2.0–3.0 GHz

INPUT POWER: 100 WATTS

ATTENUATION STABILITY: .0001 dB/dB/°C

ATTENUATION ACCURACY: ± 1.0 dBTEMPERATURE COEFFICIENT: ± 200 PPM/ $^{\circ}\text{C}$ MAX

OPERATING TEMPERATURE: -55° TO +150° (°C)

				EN# 07-F0824	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 MAX 5. SURFACE ROUGHNESS: 6. REMOVE ALL BURRS			MATERIAL		TITLE			
				TOLERANCES .X ± .XX ± .XXX ± ANGLES X° ±			FINISH		CHIP, ATTENUATOR, 100 WATT, -* = dB			
				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	CAGE CODE	ID NO.	SIZE	DRAWING NO.:	REV.:
							3/1	2Y194	A	83A7006T*F	-	
REV.	DESCRIPTION	DRAWN	APVD.				MFG:	CHKD.:	DRAWN: CRH	08/21/07	SHEET	OF