

EDD

NOTES:

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

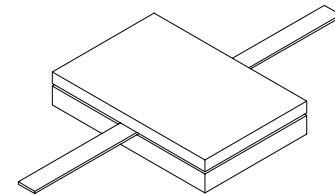
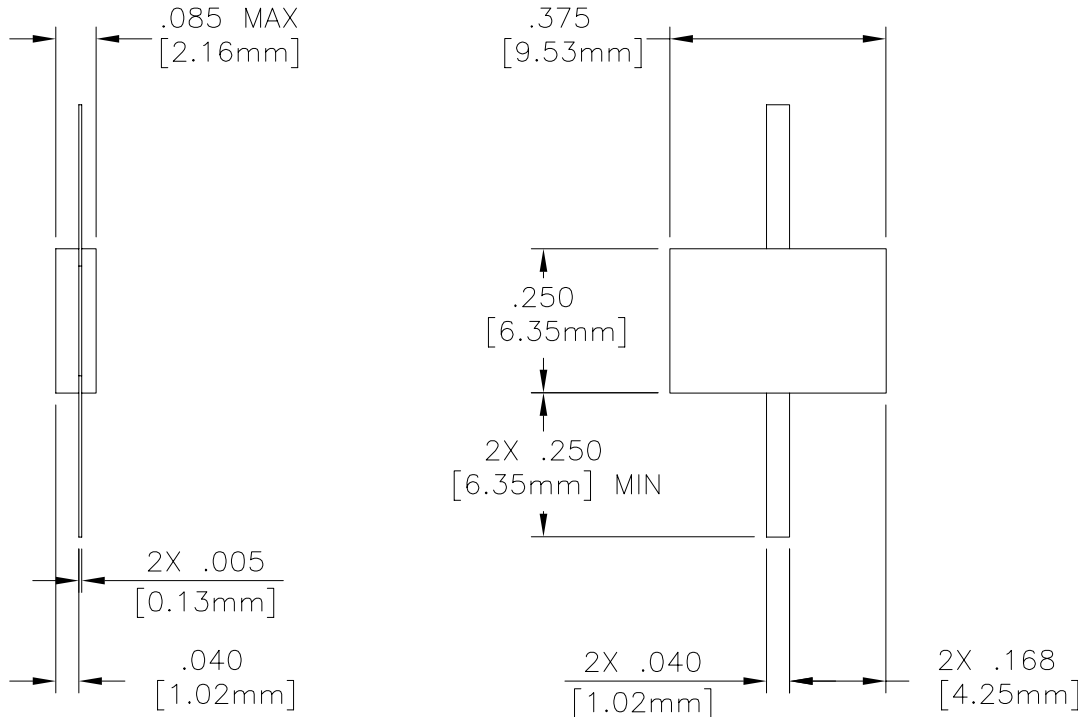
CAD#83-7006_4

DRAWING NO.:

83-7006TC-*

REV.

N/C



MATERIALS:

SUBSTRATE: ALUMINUM NITRIDE

COVER: ALUMINA OXIDE


TAB: BERYLLIUM COPPER

RESISTIVE FILM: NICHROME

FINISH:

GROUND PLANE: TIN/LEAD OVER NICKEL

TAB: TIN PLATED PER MIL-T-10727

				ECN#: 00761	APVD	DATE	REFERENCE		 P.O. BOX 899 STUART, FL. 34995			
				UNLESS OTHERWISE SPECIFIED			-		TITLE CHIP, ATTENUATOR, 100 WATT, -* = dB			
				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				-	
				TOLERANCES .X \pm .XX \pm .XXX \pm ANGLES X' \pm			FINISH				-	
				THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO FLORIDA RF LABS, INC. AND IS TO BE USED SOLELY FOR THE PURPOSE WHICH IT IS SUPPLIED. IT SHALL NOT BE DISCLOSED IN WHOLE OR IN PART, TO ANY OTHER PARTY, WITHOUT THE EXPRESS PERMISSION IN WRITING BY FLORIDA RF LABS, INC.			SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.:	REV.	
							3/1	2Y194	A	83-7006TC-*	N/C	
REV.	DESCRIPTION	DRAWN	APVD.				APVD.:	CHKD.:	DRAWN: BLP	SHEET 1 OF 2		
									06/12/01			

EDD

		CAD#83-7006_5	DRAWING NO. 83-7006TC-*	REV N/C
REQUIREMENTS	RATING	REQUIREMENTS	RATING	
NOMINAL IMPEDANCE (OHMS)	50	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)	
FREQUENCY RANGE (GHz)	DC-3.0			
OPERATING TEMPERATURE (°C)	-55° TO +150°	SHOCK	MIL-STD-202 METHOD 213 COND. I (100 G's)	
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			
ATTENUATION ACCURACY	± 1.0 dB	THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125 °C)	
ATTENUATION STABILITY	.0001 dB/dB/°C	TERMINAL STRENGTH	MIL-STD-202 METHOD 211 COND. A	
INPUT POWER (WATTS)	100			
		MOISTURE RESISTANCE	MIL-STD-202 METHOD 106 LESS STEP 7B	
<p>AVERAGE POWER DERATING</p> <p>% OF RATED PWR</p> <p>CASE TEMPERATURE IN °C</p>		SOLDERABILITY	MIL-STD-202 METHOD 208	
			RESISTANCE TO SOLDER HEAT	MIL-STD-202 METHOD 210
TITLE CHIP, ATTENUATOR, 100 WATT, -* = dB		P.O. BOX 899 STUART, FL. 34995	DRAWN -	DRAWING NO. 83-7006TC-*
			SHEET 2 OF 2	REV N/C