

EDD

NOTES:
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm .010$ " [0.254mm].

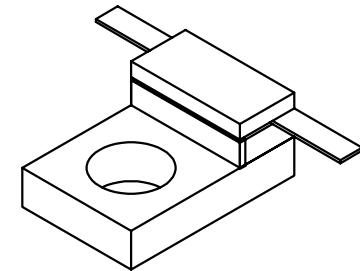
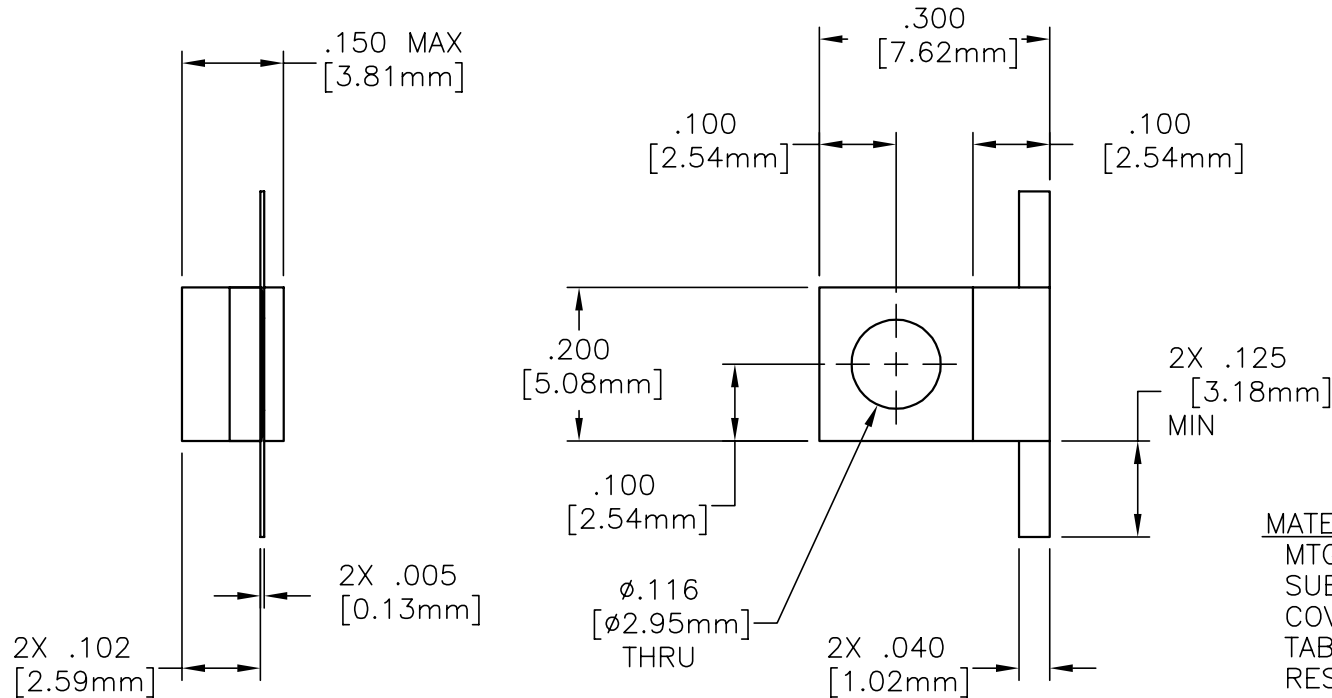
CAD#33-7003

DRAWING NO.:

33-7003-*

REV.

N/C




MATERIALS:

MTG. FLANGE: OFHC
SUBSTRATE: ALUMINUM NITRIDE
COVER: ALUMINA OXIDE
TAB: BERYLLIUM COPPER
RESISTIVE FILM: NICHROME

FINISH:

MTG. FLANGE: NICKEL OVER COPPER
TAB: TIN PER MIL-T-10727

				ECN# 00566	APVD	DATE	REFERENCE	 8851 OLD KANSAS AVE. STUART, FL. 34997 561-286-9300			
				UNLESS OTHERWISE SPECIFIED			CATALOG				
				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			MATERIAL	TITLE			
				TOLERANCES			FINISH	ATTENUATOR, FLANGE MOUNT, 10 WATT, -* = dB			
				.X \pm .XX \pm .XXX \pm ANGLES X° \pm							
				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.
							4/1	2Y194	A	33-7003-*	N/C
REV.	DESCRIPTION	DRAWN	APVD.				MFG:	CHKD.: NAK 07/05/01	DRAWN: BLP 06/27/01	SHEET 1 OF 2	

EDD

		CAD#33-7003		DRAWING NO. 33-7003-*		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-2.7	SHOCK	MIL-STD-202 METHOD 213 COND. I (100 G's)			
OPERATING TEMPERATURE (°C)	-55° TO +150°	THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125 °C)			
VSWR	1.15:1	TERMINAL STRENGTH	MIL-STD-202 METHOD 211 COND. A			
ATTENUATION ACCURACY	1-10 dB ± 0.5 dB 11-20 dB ± 1.0 dB	MOISTURE RESISTANCE	MIL-STD-202 METHOD 106 LESS STEP 7B			
ATTENUATION STABILITY	.0001 dB/dB/°C	SOLDERABILITY	MIL-STD-202 METHOD 208			
INPUT POWER (WATTS)	10	RESISTANCE TO SOLDER HEAT	MIL-STD-202 METHOD 210			
<p>AVERAGE POWER DERATING</p> <p>Graph Description: The graph plots the percentage of rated power that can be used as a function of case temperature. From 25°C to 85°C, the derating is 0% (100% power). Between 85°C and 150°C, the power derating increases linearly from 100% to 0%.</p>				DRAWING NO. 33-7003-*		REV N/C
TITLE ATTENUATOR, FLANGE MOUNT, 10 WATT, -* = dB		DRAWN -		SHEET 2 OF 2		
		8851 OLD KANSAS AVE. STUART, FL. 34997		561-286-9300		