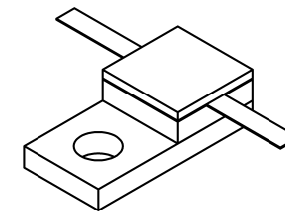
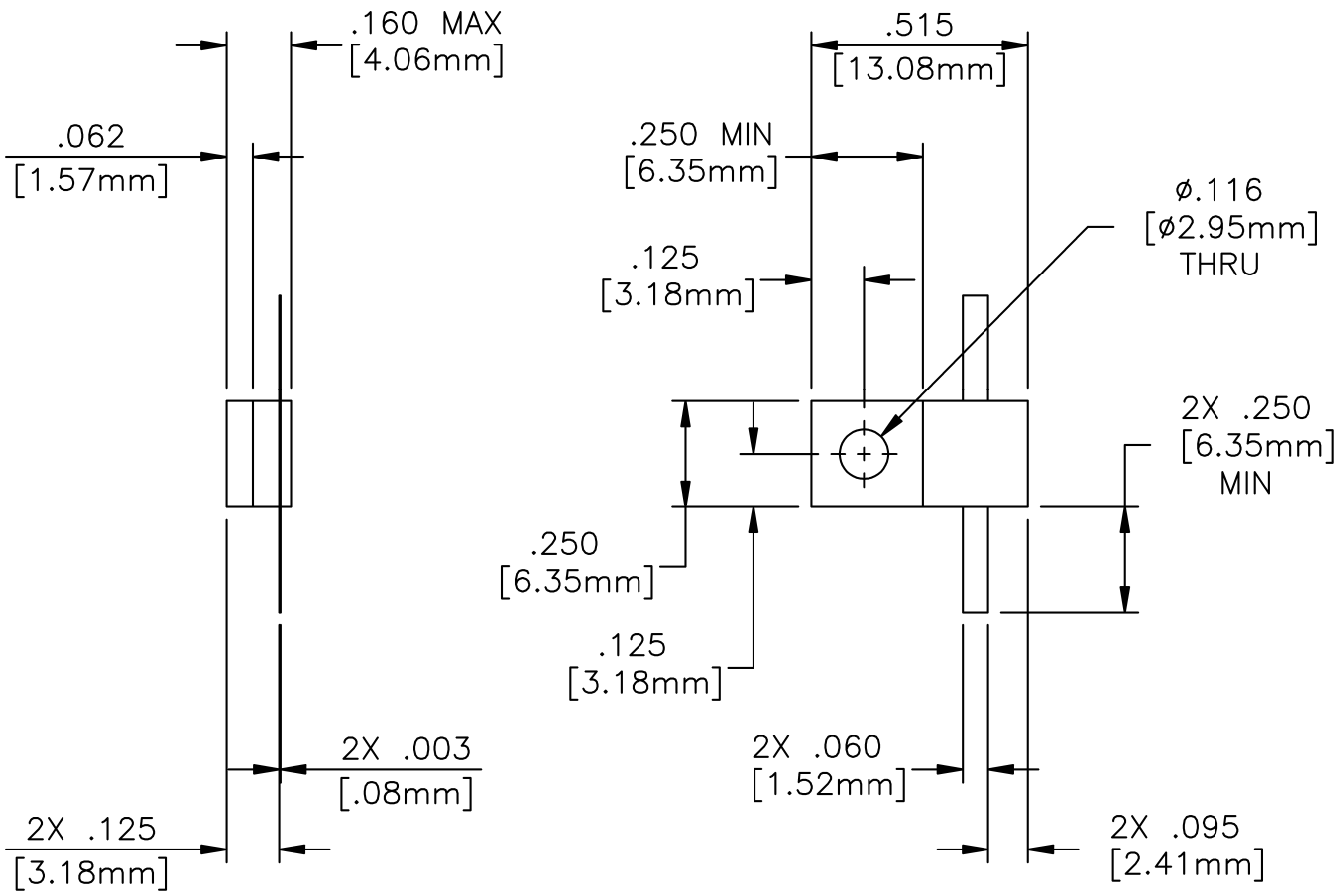



# EDD

DRAWING NO.: **31A1001-\*** REV. **B**

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



**MATERIALS:**  
 MTG. FLANGE: OFHC 1/4 HD  
 SUBSTRATE: BERYLLIUM OXIDE  
 COVER: ALUMINA  
 TAB: BERYLLIUM COPPER  
 RESISTIVE FILM: THIN FILM  
**FINISH:**  
 LEAD FREE, RoHS COMPLIANT  
 MTG. FLANGE: NICKEL OVER COPPER  
 TAB: SILVER PLATED

EN# 05-F0711		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 5. SURFACE ROUGHNESS: 6. REMOVE ALL BURRS				CATALOG	TITLE			
TOLERANCES .X ± .XX ± .XXX ± ANGLES X° ±				MATERIAL	<b>RESISTOR,                  FLANGE MOUNT,                  20 WATT</b>			
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.				FINISH	DRAWING NO.:			
B	EN 08-F0621	OJC	07/14/08	SCALE	CAGE CODE ID NO.	SIZE	<b>31A1001-*</b>	REV.
A	EN 08-F0198	OJC	07/03/08	<b>2/1</b>	<b>2Y194</b>	<b>A</b>	<b>B</b>	
REV.	DESCRIPTION	DRAWN	APVD.	MFG:	CHKD.:	DRAWN:	BLP 08/13/01	SHEET 1 OF 2

REQUIREMENTS	RATING	REQUIREMENTS	RATING
FREQUENCY RANGE (GHz)	N/A	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM		
OPERATING TEMPERATURE (°C)	-55° TO +150°	SHOCK	MIL-STD-202 METHOD 213 COND. I (100 G's)
AVERAGE POWER (WATTS)	20		
DC RESISTANCE	2-2800 OHMS	THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125 °C)
MAX CAPACITANCE	.6pF @ 2.0 GHz		
		TERMINAL STRENGTH	MIL-STD-202 METHOD 211 COND. A
		MOISTURE RESISTANCE	MIL-STD-202 METHOD 106 LESS STEP 7B
<p style="text-align: center;">AVERAGE POWER DERATING</p>		SOLDERABILITY	MIL-STD-202 METHOD 208
		RESISTANCE TO SOLDER HEAT	MIL-STD-202 METHOD 210