

EDD

NOTES:  
1. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ± .010" [.254mm].

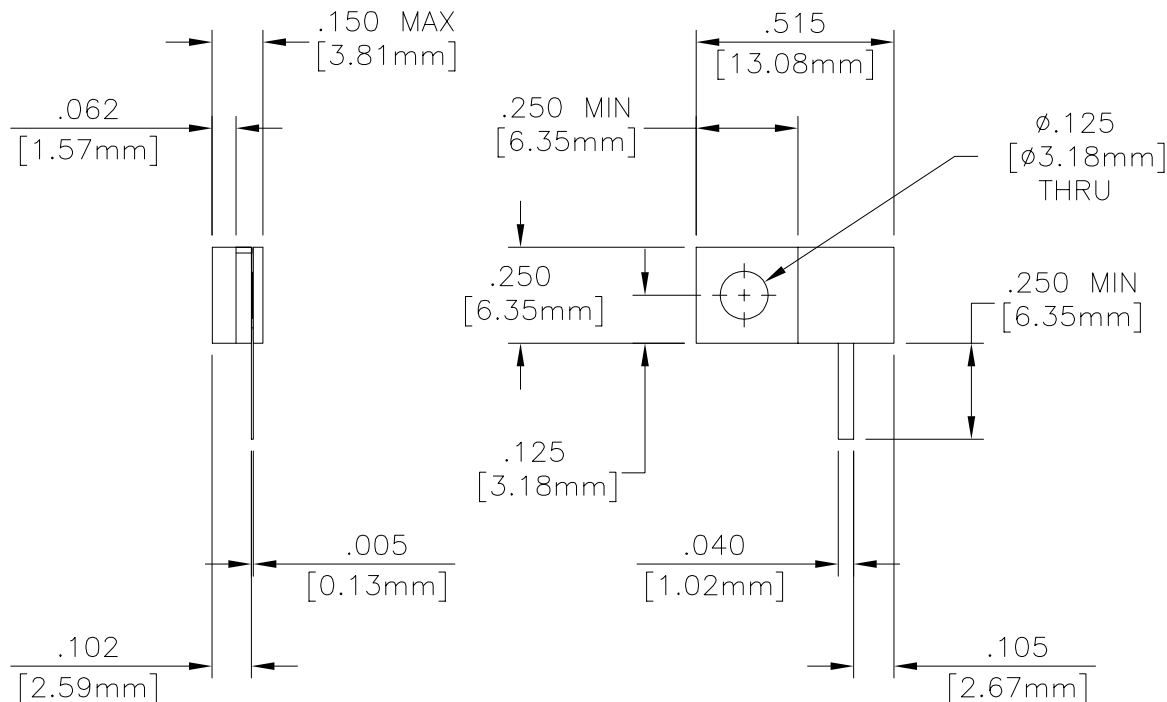
CAD#32-1200\_2

DRAWING NO.:

32-1200

REV.

N/C




MATERIALS:

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

FINISH:

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

				ECN# 00901	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 <b>TERMINATION, FLANGE MOUNT, 50 WATT</b>			
							TOLERANCES .X ± .XX ± .XXX ± ANGLES X° ±				FINISH
				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.
							2/1	2Y194	A	32-1200	N/C
REV.	DESCRIPTION	DRAWN	APVD.				MFG:	CHKD.:	DRAWN: BLP 07/26/01	SHEET 1 OF 2	

# EDD

REQUIREMENTS		RATING		REQUIREMENTS		RATING															
NOMINAL IMPEDANCE (OHMS)		50		VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)																
FREQUENCY RANGE (GHz)		12.75-14.50																			
TEMPERATURE COEFFICIENT		LESS THAN 200 PPM		SHOCK	MIL-STD-202 METHOD 213 COND. I (100 G's)																
OPERATING TEMPERATURE (°C)		-55° TO +150°																			
VSWR (MAX)		1.35:1		THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125 °C)																
AVERAGE POWER (WATTS)		50																			
DC RESISTANCE		50 OHMS ± 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> <p>Graph Data:</p> <table border="1"> <thead> <tr> <th>Case Temperature (°C)</th> <th>% of Rated Pwr</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>100</td> </tr> <tr> <td>50</td> <td>100</td> </tr> <tr> <td>75</td> <td>100</td> </tr> <tr> <td>100</td> <td>100</td> </tr> <tr> <td>125</td> <td>66.7</td> </tr> <tr> <td>150</td> <td>0</td> </tr> </tbody> </table>				Case Temperature (°C)	% of Rated Pwr	25	100	50	100	75	100	100	100	125	66.7	150	0	SOLDERABILITY		MIL-STD-202 METHOD 208	
				Case Temperature (°C)	% of Rated Pwr																
25	100																				
50	100																				
75	100																				
100	100																				
125	66.7																				
150	0																				
TITLE		TERMINATION, FLANGE MOUNT, 50 WATT		RESISTANCE TO SOLDER HEAT		MIL-STD-202 METHOD 210															

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TITLE **TERMINATION, FLANGE MOUNT,  
50 WATT**



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

DRAWN -

SHEET 2 OF 2

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