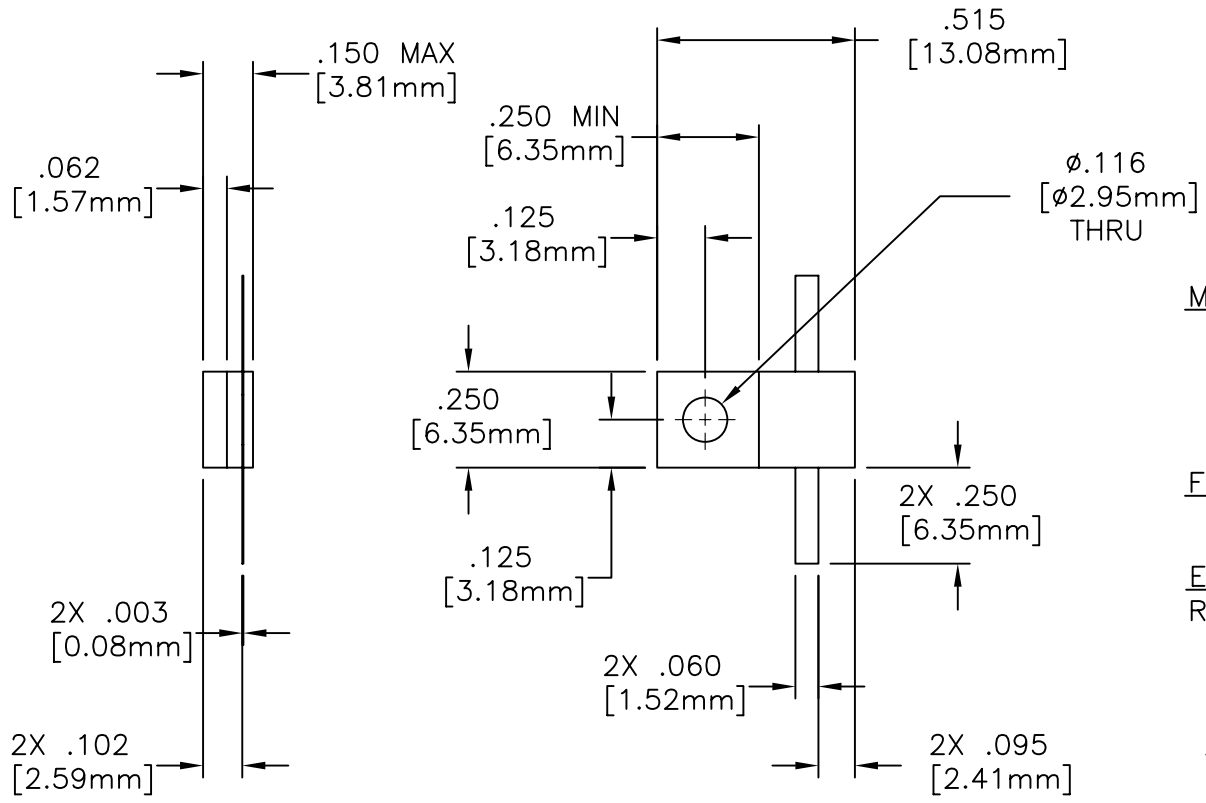
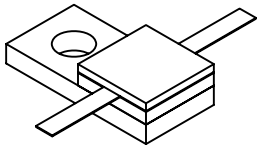
EDD

DRAWING NO.:	REV.
31-7001-*	E

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





MATERIALS:
MTG. FLANGE: OFHC 1/4 HD
SUBSTRATE: ALUMINUM NITRIDE (AIN)
COVER: ALUMINA
TAB: BERYLLIUM COPPER PER ASTM B194
RESISTIVE FILM: NICHROME

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

ELECTRICAL:
RESISTANCE:
*-P01 = 100 OHMS ± 5%
*-P02 = 50 OHMS ± 5%
AVERAGE POWER: 40 WATTS
TYPICAL CAPACITANCE: 0.8 pF
TEMPERATURE COEFFICIENT: ± 200 PPM/°C MAX
OPERATING TEMPERATURE: -55° TO +150° C

REV.	DESCRIPTION	DRAWN	APVD.
E	EN 07-F1258	MCS 1/23/08	
D	ECN#01430	BLP 05/06/02	DR 05/07/02
C	ECN# N/A	– –	– –
B	ECN# N/A	– –	– –
A	ECN# N/A	– –	– –

ECN# N/A | APVD – | DATE –

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

TOLERANCES
.X ±
.XX ±
.XXX ±
ANGLES X° ±

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.

REFERENCE
MOTOROLA
P/N: 0685764P01

MATERIAL
–

FINISH
–

FLORIDA RF Labs INC.
8851 OLD KANSAS AVE.
STUART, FL. 34997
772-286-9300

TITLE
RESISTOR, FLANGE MOUNT, 40 WATT

SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.:	REV.
2/1	2Y194	A	31-7001-*	E

MFG: – – | CHKD.: – – | DRAWN: BLP 05/06/02 | SHEET OF