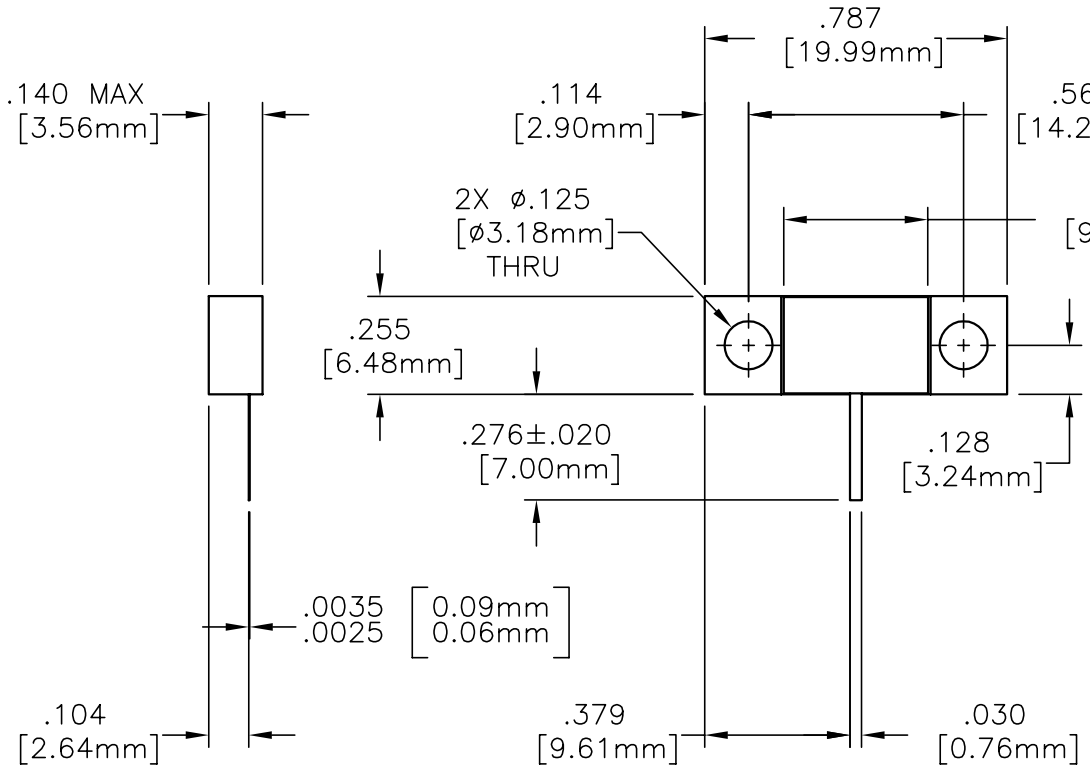
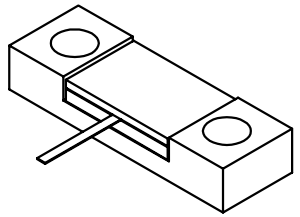
EDD

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

CAD#32-7150C

DRAWING NO.:	REV.
32-7150	C





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

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

TECHNICAL:
- NOMINAL IMPEDANCE (OHMS): 50
- FREQUENCY RANGE (GHz): DC-4.0
- TEMPERATURE COEFFICIENT: < 200 PPM
- OPERATING TEMPERATURE (°C): -55° TO +150°
- VSWR (MAX): 1.08:1 DC-2.0 GHz
  1.20:1 2.0-4.0 GHz
- AVERAGE POWER (WATTS): 60
- DC RESISTANCE: 50.0 OHMS ± 5%

REV.	DESCRIPTION	DRAWN	APVD.
C	ECN#01214	BLP 01/16/02	
B	ECN#00611	PSC 09/18/01	NAK 09/25/01
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° ±

REFERENCE –

MATERIAL –

FINISH –

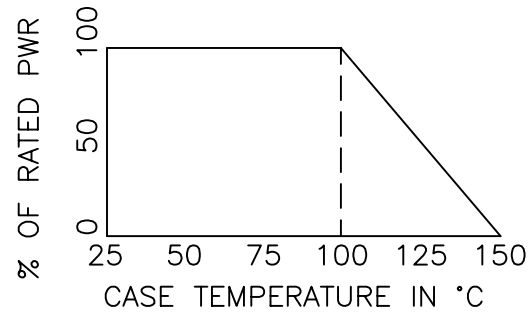
FLORIDA RF Labs INC.
8851 OLD KANSAS AVE.
STUART, FL. 34997
561-286-9300

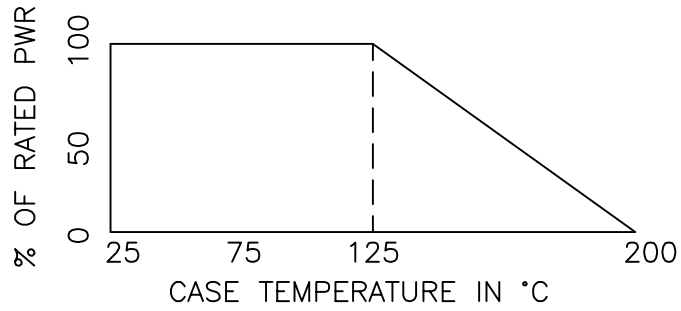
TITLE: TERMINATION, FLANGE MOUNT, 60 WATT

SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.:	REV.
2/1	2Y194	A	32-7150	C

MFG: | CHKD.: NAK 09/25/01 | DRAWN: PSC 09/17/01 | SHEET OF

REQUIREMENTS	RATING	AVERAGE POWER DERATING
VIBRATION, HIGH FREQUENCY 10–2000 Hz	MIL–STD–202 METHOD 204 COND. D (20 G's)	TERMINATION, ATTENUATOR, RESISTOR AND CRT
SHOCK –MECHANICAL	MIL–STD–202 METHOD 213 COND. I (100 G's) SAWTOOTH WAVEFORM	
THERMAL SHOCK –AIR TO AIR	MIL–STD–202 METHOD 107 COND. B (–65 TO +125 °C) 5 CYCLES, 30 MIN. @ EACH EXTREME	
TERMINAL STRENGTH	MIL–STD–202 METHOD 211 COND. A –PULL TEST METHOD	HIGH TEMPERATURE FLANGE MOUNT COMPONENTS 6X–XXXX SERIES
MOISTURE RESISTANCE	MIL–STD–202 METHOD 106 LESS STEP 7B 10 CYCLES, 24 HR/CYCLE	
SOLDERABILITY	MIL–STD–202 METHOD 208	
RESISTANCE TO SOLDER HEAT	MIL–STD–202 METHOD 210 COND A –SOLDER IRON	





TITLE

RESISTIVE PRODUCT SPECIFICATION SHEET

FLORIDA RF Labs
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