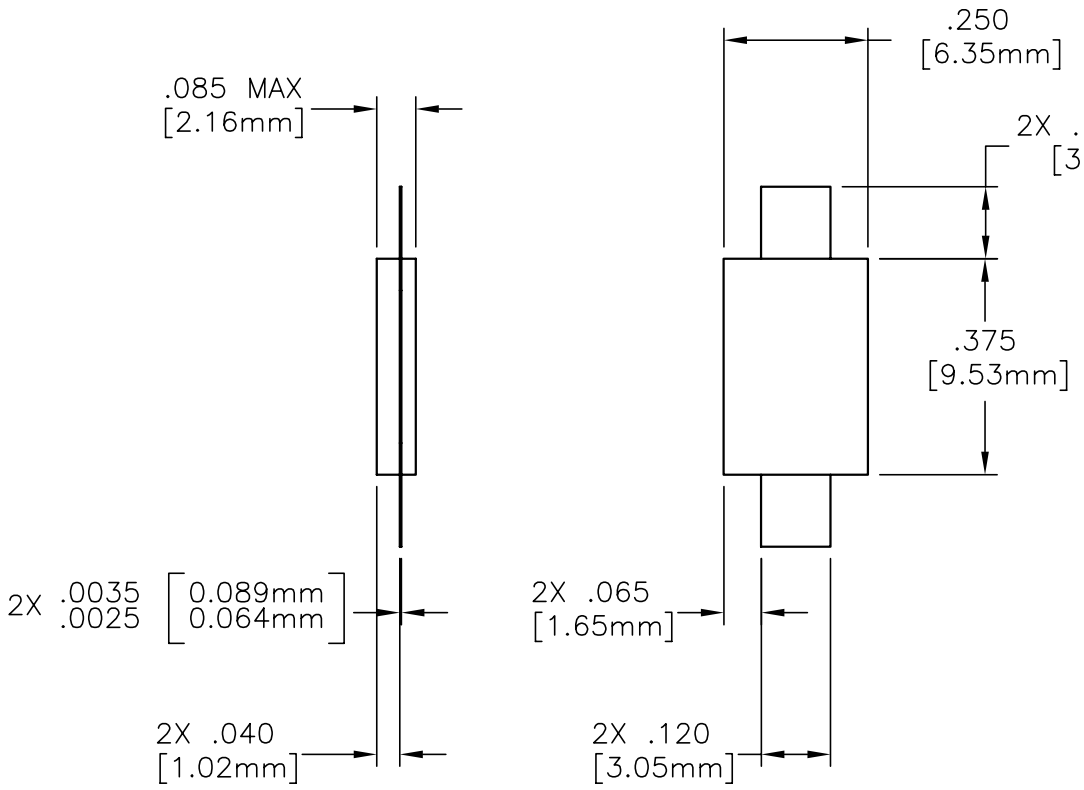
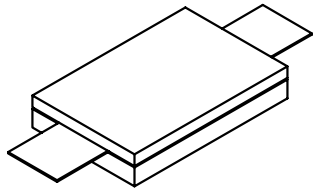
EDD

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

CAD#81-7021TC

DRAWING NO.:	REV.
81-7021TC-*	N/C





MATERIALS:
SUBSTRATE: ALUMINUM NITRIDE
COVER: ALUMINA
TAB: BERYLLIUM COPPER
RESISTIVE FILM: NICHROME
FINISH:
TAB: TIN/LEAD PER MIL-T-10727
TECHNICAL:
FREQUENCY RANGE (GHz): DC-2.0
TEMPERATURE COEFFICIENT: ± 200 PPM/°C MAX
OPERATING TEMPERATURE (°C): -55° TO +150°
AVERAGE POWER (WATTS): 150
*DC RESISTANCE: 7-250 OHMS

REV.	DESCRIPTION	DRAWN	APVD.

ECN# 01206 | 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 –

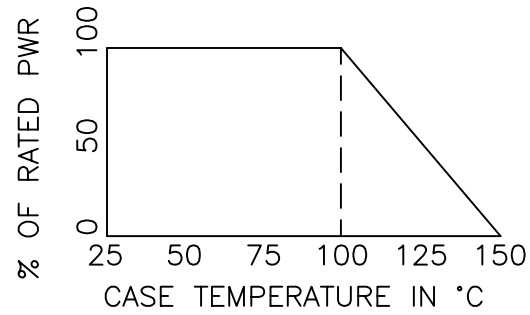
FLORIDA RF Labs INC.
8851 OLD KANSAS AVE.
STUART, FL. 34997
561-286-9300

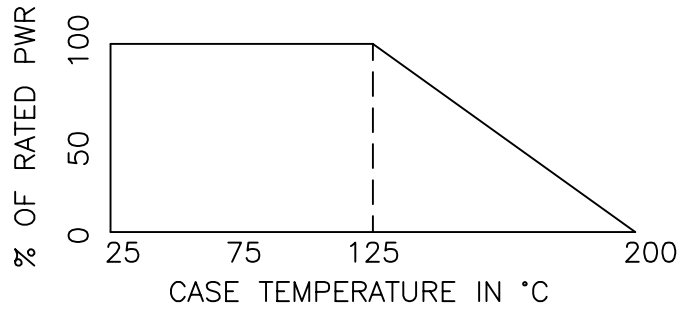
TITLE
CHIP,
RESISTOR
150 WATT

SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.:	REV.
3/1	2Y194	A	81-7021TC-*	N/C

MFG:	CHKD.:	DRAWN: PSC 01/03/02	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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STUART, FL. 34997
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