

UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1253	A	INITIAL RELEASE	TJD	1-07
1322	B	CHANGE FREQUENCY TO 6.0 GHZ.	TJD	8-07
1390	C	ADDED 300 OHM VALUE	TJD	1-08
1484	D	ADDED NOTE 5	DG	8-08
1990	E	ADDED 220 & 330 OHM VALUES	DG	8-09
2022	F	SEE DAR	DG	9-09
2035	G	SEE DAR	DG	9-09

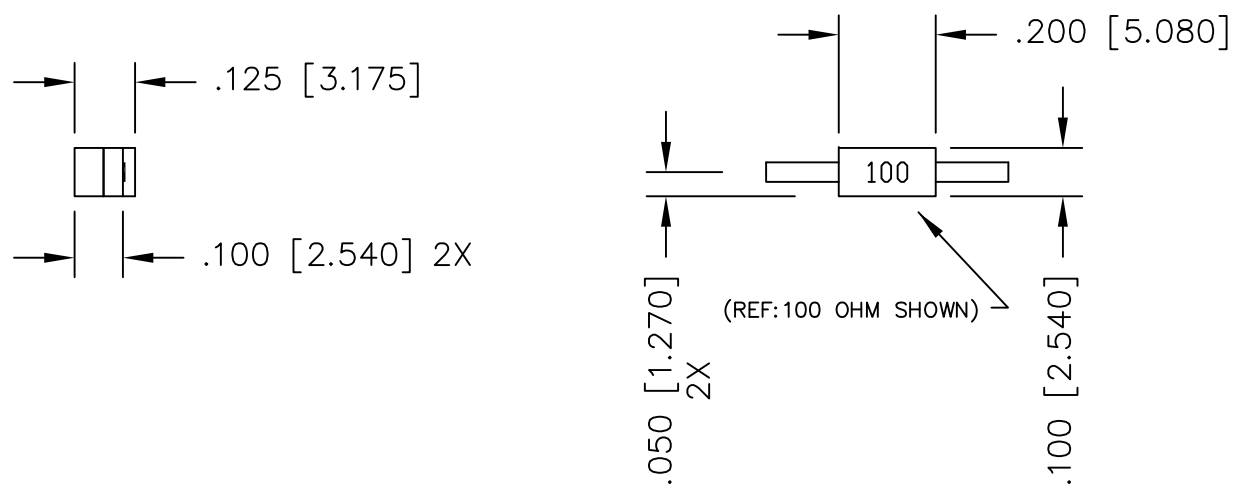
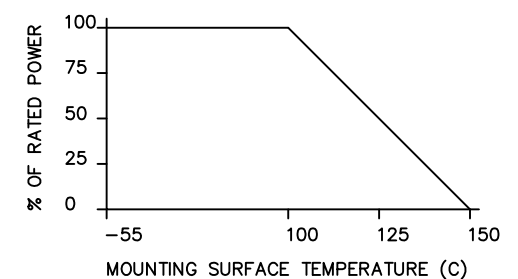
NOTES

- LEAD MATERIAL:  
99.99% PURE SILVER  
.040 [1.016] WIDE x .005 [.127] THICK
- LEAD LENGTH: .150 [3.810] MIN.
- SUBSTRATE MATERIAL: BeO  
COVER MATERIAL: AL2 O3
- SUBSTRATES SOLDERED TOGETHER  
USING SN10 SOLDER.
- DO NOT EXCEED 250°C WHEN  
INSTALLING RESISTOR.
- BOTTOM SIDE METALIZATION:  
THICK FILM PLATINUM SILVER

ELECTRICAL SPECIFICATIONS

INPUT POWER: 20 WATT  
FREQUENCY: DC - 6.0 GHZ.  
CAPACITANCE: .30 pF

POWER DERATING CURVE



PART NO.	VALUE	TOLERANCE
IPP-RB101LC-50	50 OHMS	+/- 5%
IPP-RB101LC-100	100 OHMS	+/- 5%
IPP-RB101LC-120	120 OHMS	+/- 5%
IPP-RB101LC-200	200 OHMS	+/- 5%
IPP-RB101LC-220	220 OHMS	+/- 5%
IPP-RB101LC-300	300 OHMS	+/- 5%
IPP-RB101LC-330	330 OHMS	+/- 5%

MATERIAL	[3]	DWN	DG	DATE	1-07	<b>Innovative Power Products</b>
FINISH	[6]	ENG	TJD	DATE	1-07	
TOLERANCE		MANUF	TP	DATE	1-07	TITLE
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254]	CAGE CODE: 437R2			RESISTOR, 20 WATT, FLANGELESS	
		SHEET	OF	SCALE		SIZE
		1	1	4:1		P/N
						IPP-RB101LC-XXX
						REV.
						G