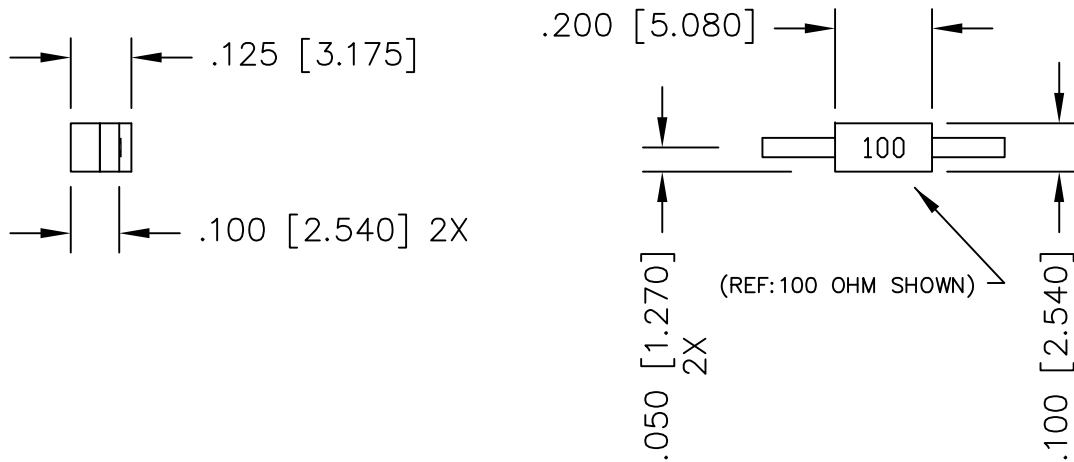


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED



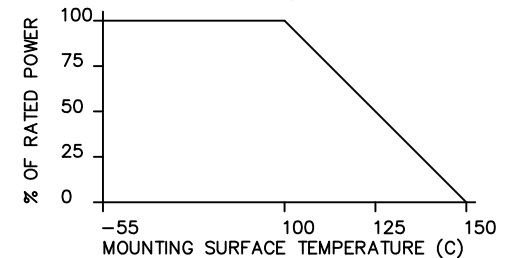
DAR	REV	DESCRIPTION	APPVD	DATE
1253	A	INITIAL RELEASE	TJD	1-07
1322	B	CHANGE FREQUENCY TO 6.0 GHZ.	TJD	8-07
1390	C	ADDED 300 OHM VALUE	TJD	1-08
1484	D	ADDED NOTE 5	DG	8-08
1990	E	ADDED 220 & 330 OHM VALUES	DG	8-09
2022	F	SEE DAR	DG	9-09
2035	G	SEE DAR	DG	9-09
3166	H	SEE DAR	DG	6-11
3401	J	SEE DAR	TJD	11-11
3718	K	SEE DAR	TJD	6-12

**NOTES**

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

**ELECTRICAL SPECIFICATIONS**

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



PART NO.	VALUE	TOLERANCE
IPP-RB101LC-25	25 OHMS	+/- 5%
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%
IPP-RB101LC-430	430 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, 30 WATT, FLANGELESS
		SHEET OF 1 1	SCALE 4:1	SIZE B
				P/N IPP-RB101LC-XXX
				REV. K