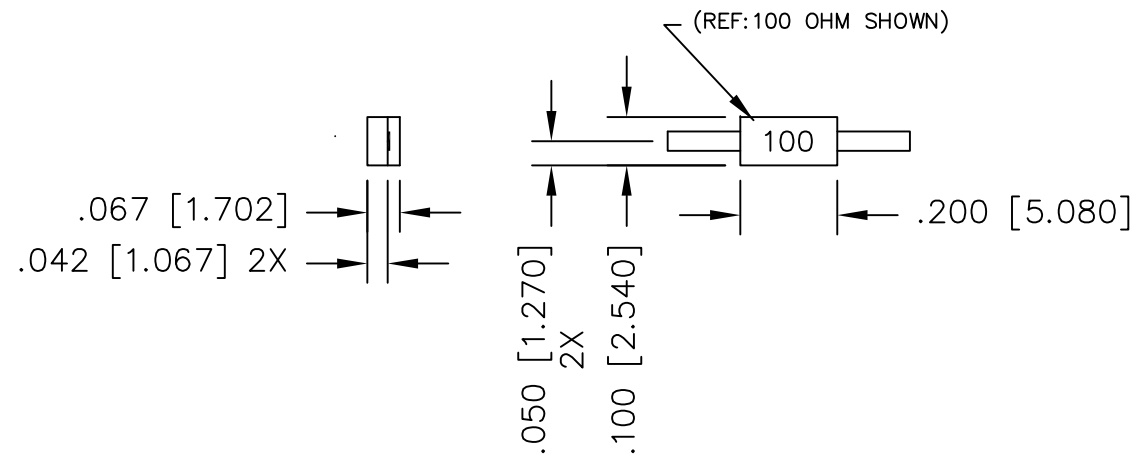


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



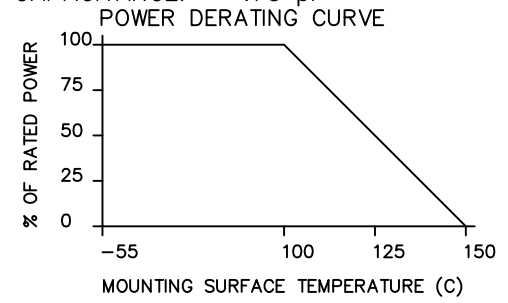
DAR	REV	DESCRIPTION	APPVD	DATE
1053	A	INITIAL RELEASE	TJD	1-06
1075	B	CHANGE LEAD WIDTH	TJD	3-06
1095	C	ADD POWER DERATING CURVE	TJD	4-06
1146	D	ADD 25, 75, & 120 OHM VALUES	TJD	6-06
1416	E	ADD 6 OHM VALUE	DG	3-08
1521	F	ADD 150 OHM VALUE	DG	9-08
1544	G	CHANGE LD HEIGHT & HEIGHT DIMS	DG	9-08
1588	H	ADDED 430 AND 560 OHM VALUES	DG	10-08
1909	J	ADDED 50-R5L AND 100-R5L VALUES	DG	6-09
2035	K	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: Al₂O₃
- DIMENSIONS: INCHES, [mm]
- BOTTOM SIDE METALIZATION:
THICK FILM PLATINUM SILVER

ELECTRICAL SPECIFICATIONS

INPUT POWER: 30 WATT
FREQUENCY: DC - 3.0 GHZ.
CAPACITANCE: .75 pF



PART NO.	VALUE	TOLERANCE
IPP-RB101-6	6 OHMS	+/- 5%
IPP-RB101-25	25 OHMS	+/- 5%
IPP-RB101-50	50 OHMS	+/- 5%
IPP-RB101-75	75 OHMS	+/- 5%
IPP-RB101-100	100 OHMS	+/- 5%
IPP-RB101-120	120 OHMS	+/- 5%
IPP-RB101-150	150 OHMS	+/- 5%
IPP-RB101-200	200 OHMS	+/- 5%
IPP-RB101-300	300 OHMS	+/- 5%
IPP-RB101-430	430 OHMS	+/- 5%
IPP-RB101-560	560 OHMS	+/- 5%
IPP-RB101-50-R5L	50 OHMS	+/- 5%
IPP-RB101-100-R5L	100 OHMS	+/- 5%

.500 [12.700] MIN. LEAD LENGTH
.500 [12.700] MIN. LEAD LENGTH

MATERIAL	[3]	DWN DG	DATE 1/06				
FINISH	[5]	ENG TJD	DATE 1/06				
TOLERANCE	.XX ±.02 [.50] .XXX ±.010 [.254]	MANUF TP	DATE 1/06	TITLE	RESISTOR, 30 WATT, FLANGELESS		
IN [MM]		CAGE CODE: 437R2		SIZE	P/N	IPP-RB101-XXX	REV.
		SHEET OF 1 1	SCALE 4:1				