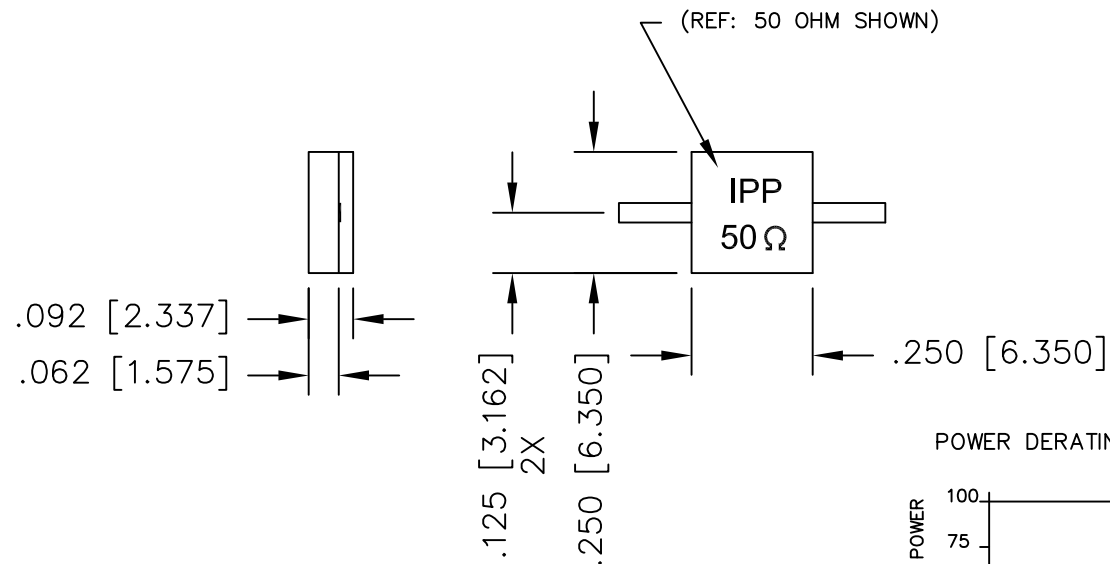


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

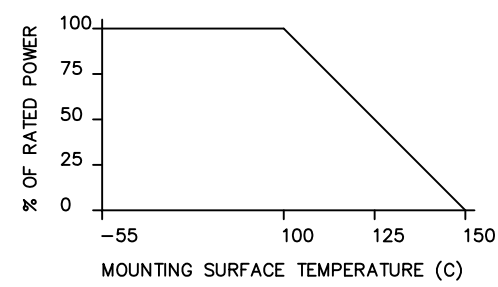
DAR	REV	DESCRIPTION	APPVD	DATE
1148	A	INITIAL RELEASE	TP	7-06
1322	B	CHANGE POWER TO 100 WATTS	TP	8-07
1544	C	CHANGE LD HEIGHT & HEIGHT DIMS	DG	9-08
2035	D	SEE DAR	DG	9-09
3895	E	SEE DAR	DG	8-12
5098	F	SEE DAR	DG	7-14

NOTES

- LEAD MATERIAL:  
99.99% PURE SILVER,  
.040 [1.016] WIDE x .005 [.127] THICK
- LEAD LENGTH: .150 [3.810] MIN.
- 3 SUBSTRATE MATERIAL: BeO  
COVER MATERIAL: Al<sub>2</sub>O<sub>3</sub>
- DIMENSIONS: INCHES, [mm]
- 5 BOTTOM SIDE METALIZATION:  
THICK FILM PLATINUM SILVER
- RoHS COMPLIANT.



POWER DERATING CURVE



ELECTRICAL SPECIFICATIONS

INPUT POWER: 100 WATT  
FREQUENCY: DC - 4.0 GHZ.  
CAPACITANCE: 1.2 pF

PART NO.	VALUE	TOLERANCE
IPP-RB103-10	10 OHMS	+/- 5%
IPP-RB103-25	25 OHMS	+/- 5%
IPP-RB103-50	50 OHMS	+/- 5%
IPP-RB103-75	75 OHMS	+/- 5%
IPP-RB103-100	100 OHMS	+/- 5%

MATERIAL	<span style="border: 1px solid black; padding: 0 2px;">3</span>	DWN DG	DATE 7-06	<b>Innovative</b> <i>Power</i> <b>Products</b>
FINISH	<span style="border: 1px solid black; padding: 0 2px;">5</span>	ENG TJD	DATE 7-06	
TOLERANCE		CAGE CODE: 437R2		TITLE
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254]	SHEET OF	SCALE	RESISTOR, 100 WATT, FLANGELESS,
		1 1	4:1	P/N
				IPP-RB103-XXX
				REV.
				F