

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

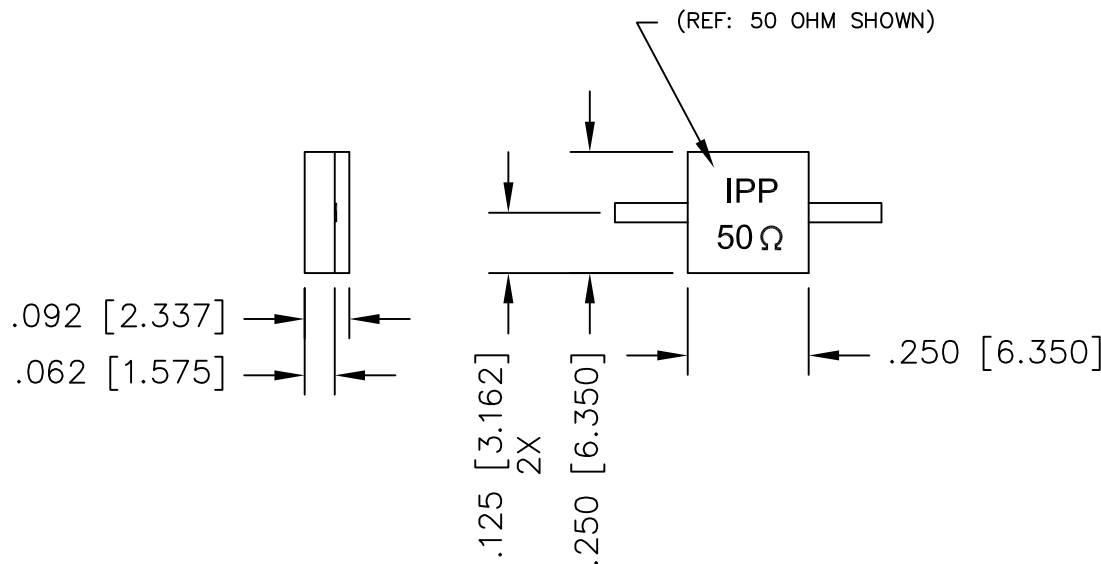
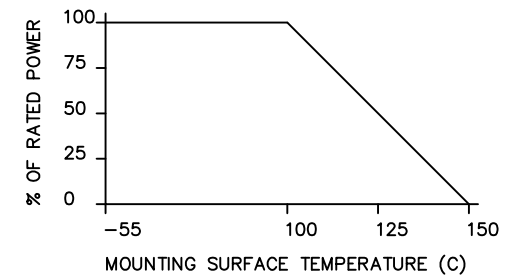
NOTES

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: Al₂O₃
4. DIMENSIONS: INCHES, [mm]
5. BOTTOM SIDE METALIZATION:
THICK FILM PLATINUM SILVER

ELECTRICAL SPECIFICATIONS

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

POWER DERATING CURVE



PART NO.	VALUE	TOLERANCE
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	[3]	DWN DG	DATE 7-06	Innovative Power Products
FINISH	[5]	ENG TJD	DATE 7-06	
TOLERANCE	.XX ±.02 [.50] .XXX ±.010 [.254]	MANUF TP	DATE 7-06	TITLE
IN [MM]		CAGE CODE: 437R2		RESISTOR, 100 WATT, FLANGELESS,
		SHEET OF 1 1	SCALE 4:1	P/N
				IPP-RB103-XXX
				REV. D