

UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1323	A	INITIAL RELEASE	TJD	8-07
1544	B	CHANGE LD HEIGHT & HEIGHT DIMS	DG	9-08
2855	C	SEE DAR	DG	1-11
3363	D	SEE DAR	TJD	10-11
3453	E	SEE DAR	TJD	1-12
5100	F	SEE DAR	DG	7-14

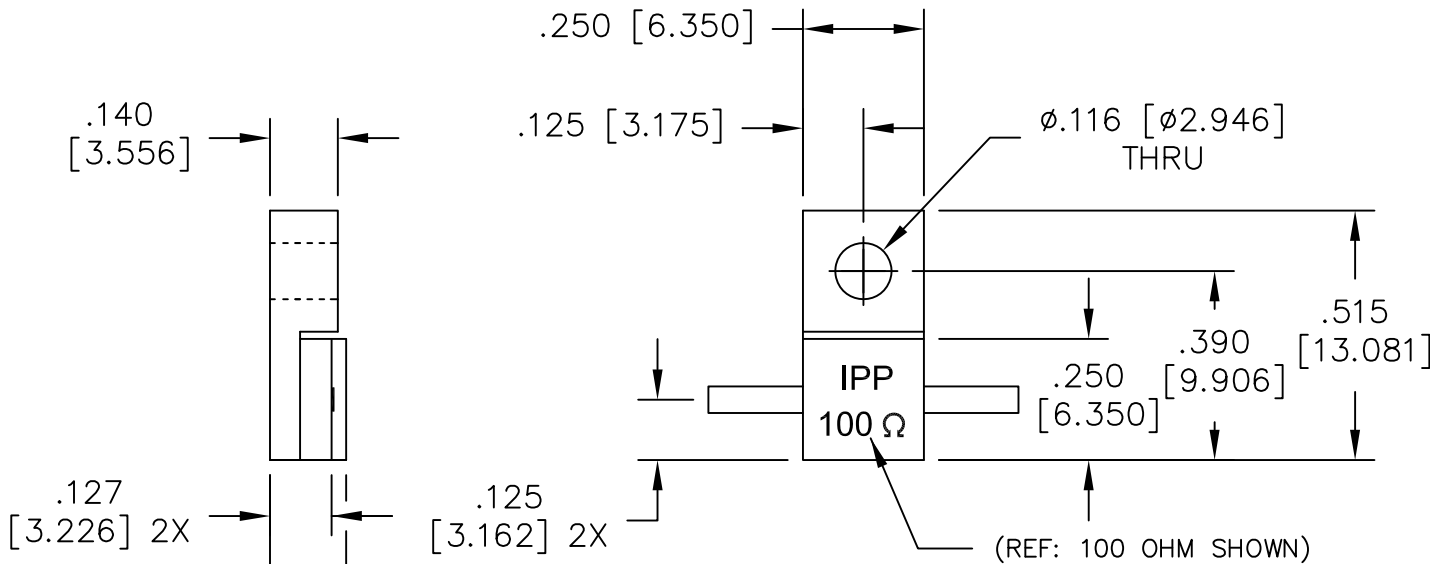
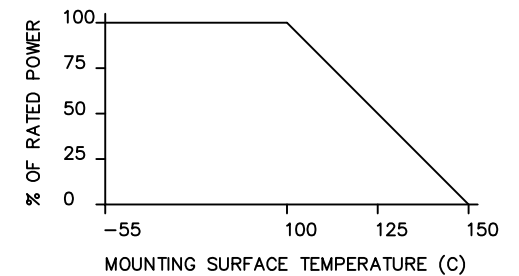
NOTES

1. LEAD MATERIAL:
99.99% PURE SILVER,
.040 WIDE x .005 THICK
2. LEAD LENGTH: .150 MIN.
- 3 SUBSTRATE MATERIAL: BeO
COVER MATERIAL: Al₂O₃
- 4 FLANGE MATERIAL: COPPER
PLATING: NICKEL
5. DIMENSIONS: INCHES, [mm]
6. RoHS COMPLIANT.

ELECTRICAL SPECIFICATIONS

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

POWER DERATING CURVE



PART NO.	VALUE	TOLERANCE
IPP-RB221-25	25 OHMS	+/- 5%
IPP-RB221-50	50 OHMS	+/- 5%
IPP-RB221-100	100 OHMS	+/- 5%
IPP-RB221-150	150 OHMS	+/- 5%
IPP-RB221-300	300 OHMS	+/- 5%

MATERIAL [3] [4]	DWN DG	DATE 8-07	Innovative Power Products	
	ENG TJD	DATE 8-07		
FINISH [4]	MANUF TP	DATE 8-07	TITLE RESISTOR, 100 WATT, FLANGE	
	CAGE CODE: 437R2		P/N IPP-RB221-XXX	REV. F
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254]	SHEET 1 OF 1	SCALE 4:1		