

UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3272	M	SEE DAR	TJD	8-11
5098	N	SEE DAR	DG	7-14

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
2653	L	SEE DAR	DG	8-11

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

6. RoHS COMPLIANT.

ELECTRICAL SPECIFICATIONS

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

POWER DERATING CURVE

PART NO.	VALUE	TOLERANCE
IPP-RB101-2	2 OHMS	+/- 5%
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%
IPP-RB101-1K	1000 OHMS	+/- 5%

.500 [12.700] MIN. LEAD LENGTH

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MATERIAL	3	DWN	DG	DATE	1/06
FINISH	5	ENG	TJD	DATE	1/06
TOLERANCE		MANUF	TP	DATE	1/06
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254]	CAGE CODE: 437R2			
		SHEET	OF	SCALE	
		1	1	4:1	

TITLE		RESISTOR, 30 WATT, FLANGELESS	
SIZE	P/N	IPP-RB101-XXX	
B			
REV.		N	

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