

DAR	REV	DESCRIPTION	APPVD	DATE
3222	A	INITIAL RELEASE	TJD	7-11
3401	B	SEE DAR	TJD	11-11

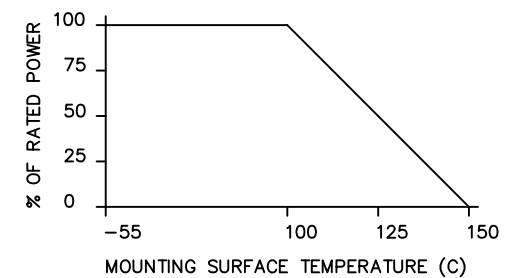


1. LEAD MATERIAL: 99.99% PURE SILVER, .120 [3.048] WIDE
x .005 [.127] THICK
x .250 [6.350] MIN. LONG.
2. SUBSTRATE MATERIAL: BeO
COVER MATERIAL: Al₂O₃
3. FLANGE MATERIAL: COPPER
PLATING: NICKEL
4. LEAD(S) WELDED TO SUBSTRATE.
5. DIMENSIONS IN INCHES [mm].
6. DO NOT EXCEED 250°C WHEN INSTALLING RESISTOR.

ELECTRICAL SPECIFICATIONS

INPUT POWER: 300 WATT
FREQUENCY: DC – 2.0 GHZ.
CAPACITANCE: 3 pF

POWER DERATING CURVE



PART NO.	VALUE	TOLERANCE
IPP-RB214LC-25	25 OHMS	+/- 5%
IPP-RB214LC-50	50 OHMS	+/- 5%
IPP-RB214LC-100	100 OHMS	+/- 5%

MATERIAL		DWN S.Cornell	DATE 6-20-11		
2 3		ENG TJD	DATE 6-11		
FINISH		MANUF	DATE	TITLE RESISTOR, 300 WATT FLANGE	
3		CAGE CODE: 437R2			
TOLERANCE		SHEET OF	SCALE	P/N	REV.
.XX ±.02 [.50] IN [MM] .XXX ±.010 [.254]		1 1	4:1		
				IPP-RB214LC-XXX	B