

UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
7476	1	PRE-RELEASE	DG	2-19
8396	2	SEE DAR	DG	10-20
8610	3	SEE DAR	DG	4-21

**PRELIMINARY**  
DIMENSIONS AND SPECIFICATIONS  
ARE SUBJECT TO CHANGE UNTIL  
INITIAL RELEASE OF DRAWING.

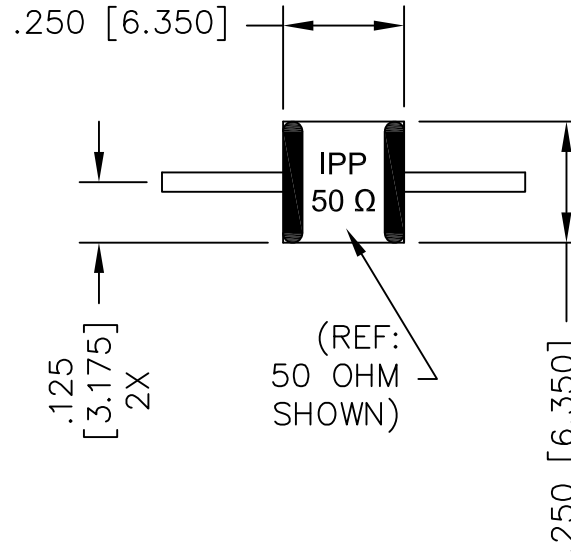
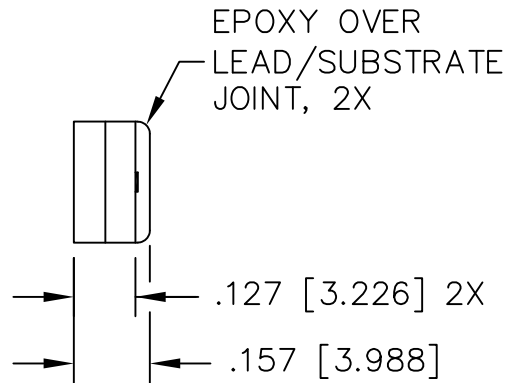
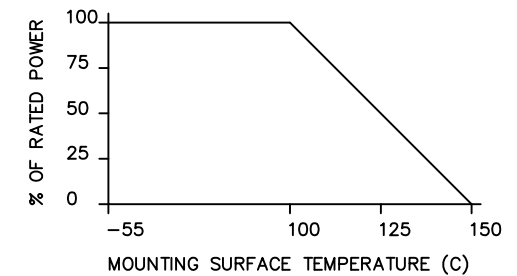
**NOTES:**

1. LEAD MATERIAL: 99.99% PURE SILVER, .040 [1.016] WIDE x .005 [.127] THICK x .250 [6.350] MIN. LONG.
2. LEAD FINISH: GOLD PLATE PER MIL-G-45204, TYPE 3, GRADE A, 20 MICRO-INCHES MAX.
3. SUBSTRATE MATERIAL: AIN
4. LEAD(S) WELDED TO SUBSTRATE.
5. THICK FILM.
6. RoHS COMPLIANT.
7. BACKSIDE METALIZATION: THICK FILM PALLADIUM SILVER.
8. DO NOT EXCEED 250°C WHEN INSTALLING RESISTOR

**ELECTRICAL SPECIFICATIONS**

INPUT POWER: 65 WATT  
CAPACITANCE: 0.8 pF

**POWER DERATING CURVE**



PART NO.	VALUE	TOLERANCE
IPP-RN103LC-50	50 OHMS	+/- 5%
IPP-RN103LC-100	100 OHMS	+/- 5%

MATERIAL SEE NOTES	DWN S.Cornell	DATE 2-5-19	<b>Innovative Power Products</b>			
FINISH SEE NOTES	ENG DG	DATE 2-19				
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254]	CAGE CODE: 437R2		TITLE RESISTOR, AIN, LOW C, 65 WATT, FLANGELESS			
	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-RN103LC-XXX	REV. 3