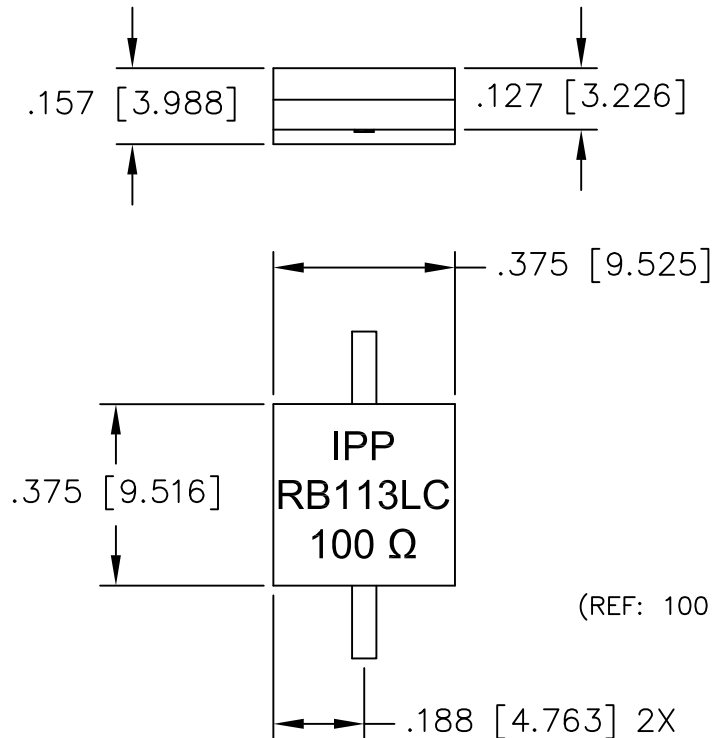


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

| DAR  | REV | DESCRIPTION     | APPVD | DATE  |
|------|-----|-----------------|-------|-------|
| 3401 | A   | INITIAL RELEASE | TJD   | 11-11 |

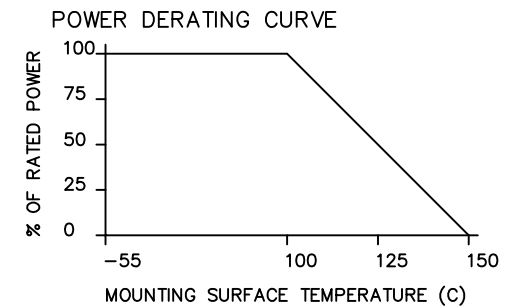


#### NOTES:

1. LEAD MATERIAL: 99.99% PURE SILVER, .050 [1.270] WIDE x .005 [.127] THICK x .150 [3.810] MIN. LONG.
2. SUBSTRATE MATERIAL: BeO
3. COVER MATERIAL: Al<sub>2</sub>O<sub>3</sub>
4. BOTTOM SIDE METALIZATION: THICK FILM PLATINUM SILVER.
5. LEAD(S) WELDED TO SUBSTRATE.
5. DO NOT EXCEED 250°C WHEN INSTALLING RESISTOR.

#### ELECTRICAL SPECIFICATIONS

INPUT POWER: 225 WATT  
 FREQUENCY: DC – 2.5 GHZ.  
 CAPACITANCE: 1.6 pF



| PART NO.        | VALUE    | TOLERANCE |
|-----------------|----------|-----------|
| IPP-RB113LC-50  | 50 OHMS  | +/- 5%    |
| IPP-RB113LC-100 | 100 OHMS | +/- 5%    |

|                                                             |                  |            |                                                           |           |  |
|-------------------------------------------------------------|------------------|------------|-----------------------------------------------------------|-----------|--|
| MATERIAL<br><div>2</div>                                    | DWN DG           | DATE 11-11 | <div><div>Innovative</div><div>Power Products</div></div> |           |  |
|                                                             | ENG TJD          | DATE 11-11 |                                                           |           |  |
| FINISH<br><div>3</div>                                      | MANUF            | DATE       | TITLE<br>RESISTOR, LOW C, 225 WATT, FLANGELESS            |           |  |
|                                                             | CAGE CODE: 437R2 |            |                                                           |           |  |
| TOLERANCE<br>IN [MM]<br>.XX ±.02 [.50]<br>.XXX ±.010 [.254] | SHEET 1          | OF 1       | P/N<br>IPP-RB113LC-XXX                                    | REV.<br>A |  |
|                                                             | SCALE 4:1        |            |                                                           |           |  |