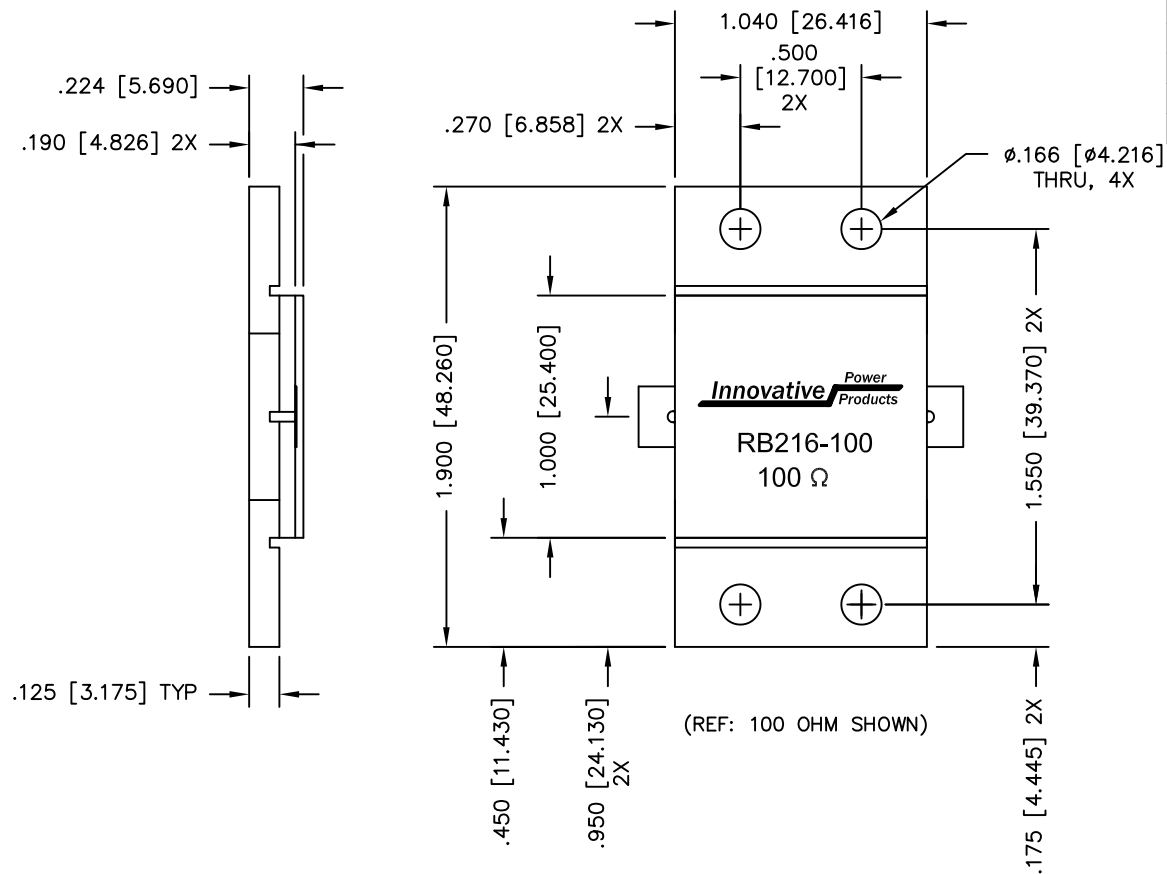


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED



| PART NO.       | VALUE     | TOLERANCE |
|----------------|-----------|-----------|
| IPP-RB216-10   | 10 OHMS   | +/- 5%    |
| IPP-RB216-12R5 | 12.5 OHMS | +/- 5%    |
| IPP-RB216-25   | 25 OHMS   | +/- 5%    |
| IPP-RB216-50   | 50 OHMS   | +/- 5%    |
| IPP-RB216-100  | 100 OHMS  | +/- 5%    |
| IPP-RB216-600  | 600 OHMS  | +/- 5%    |

| DAR  | REV | DESCRIPTION      | APPVD | DATE  |
|------|-----|------------------|-------|-------|
| 1306 | A   | INITIAL RELEASE  | TJD   | 6-07  |
| 1647 | B   | UPDATE LEAD VIEW | TJD   | 12-08 |
| 2476 | C   | SEE DAR          | DG    | 8-10  |
| 3569 | D   | SEE DAR          | DG    | 3-12  |
| 4425 | E   | SEE DAR          | DG    | 7-13  |
| 5100 | F   | SEE DAR          | DG    | 7-14  |

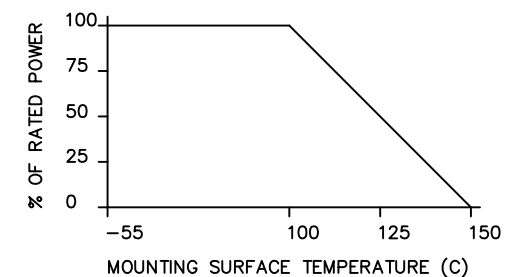
#### NOTES

1. LEAD MATERIAL:  
99.99% PURE SILVER,  
.250 WIDE x .005 THICK
2. LEAD LENGTH: .150 MIN.
3. SUBSTRATE MATERIAL: BeO  
COVER MATERIAL: Al<sub>2</sub>O<sub>3</sub>
4. DIMENSIONS: INCHES, [mm]
5. RoHS COMPLIANT.

#### ELECTRICAL SPECIFICATIONS

INPUT POWER: 800 WATT  
FREQUENCY: DC - 1.0 GHZ.  
CAPACITANCE: 18 pF

#### POWER DERATING CURVE



|                                     |                  |     |       |      |                                  |  |
|-------------------------------------|------------------|-----|-------|------|----------------------------------|--|
| MATERIAL                            | DWN              | DG  | DATE  | 6/07 | <b>Innovative Power Products</b> |  |
| FINISH                              | ENG              | TJD | DATE  | 6/07 |                                  |  |
| TOLERANCE                           | MANUF            | TP  | DATE  | 6/07 |                                  |  |
| IN [MM]                             | CAGE CODE: 437R2 |     | TITLE |      | RESISTOR, 800 WATT, FLANGE       |  |
| .XX ±.02 [.50]<br>.XXX ±.010 [.254] | SHEET            | OF  | SCALE | P/N  | IPP-RB216-XXX                    |  |
|                                     | 1                | 1   | 2:1   |      | REV. F                           |  |