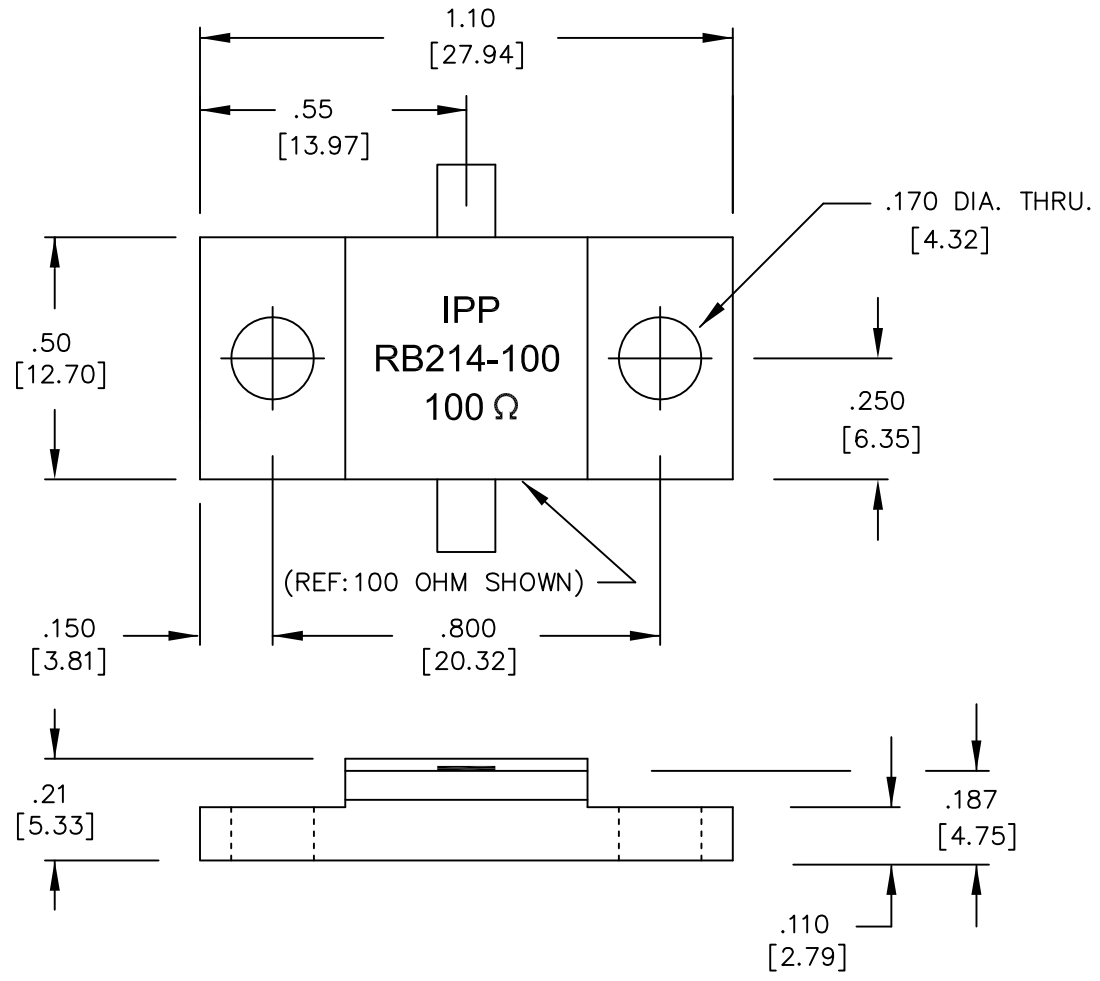


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

| DAR  | REV | DESCRIPTION     | APPVD | DATE |
|------|-----|-----------------|-------|------|
| 1150 | A   | INITIAL RELEASE | TJD   | 7-06 |



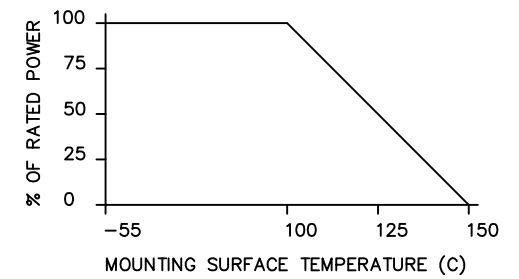
**NOTES**

- LEAD MATERIAL:  
99.99% PURE SILVER,  
.120 WIDE x .005 THICK
- LEAD LENGTH: .150 MIN.
- SUBSTRATE MATERIAL: BeO  
COVER MATERIAL: Al<sub>2</sub>O<sub>3</sub>
- FLANGE MATERIAL: COPPER  
PLATING: NICKEL
- DIMENSIONS IN [ ] ARE IN mm.

**ELECTRICAL SPECIFICATIONS**

INPUT POWER: 400 WATT  
 FREQUENCY: DC - 1.0 GHZ.  
 CAPACITANCE: 6 pF

POWER DERATING CURVE



| PART NO.      | VALUE    | TOLERANCE |
|---------------|----------|-----------|
| IPP-RB214-50  | 50 OHMS  | +/- 5%    |
| IPP-RB214-100 | 100 OHMS | +/- 5%    |

|                      |                  |              |                                    |
|----------------------|------------------|--------------|------------------------------------|
| MATERIAL<br>[3] [4]  | DWN DG           | DATE 7-06    |                                    |
|                      | ENG TJD          | DATE 7-06    |                                    |
| FINISH<br>[4]        | MANUF TP         | DATE 7-06    | TITLE<br>RESISTOR, 400 WATT FLANGE |
|                      | CAGE CODE: 437R2 |              | P/N<br>IPP-RB214-XXX               |
| TOLERANCE<br>IN [MM] | SHEET OF<br>1 1  | SCALE<br>2:1 |                                    |