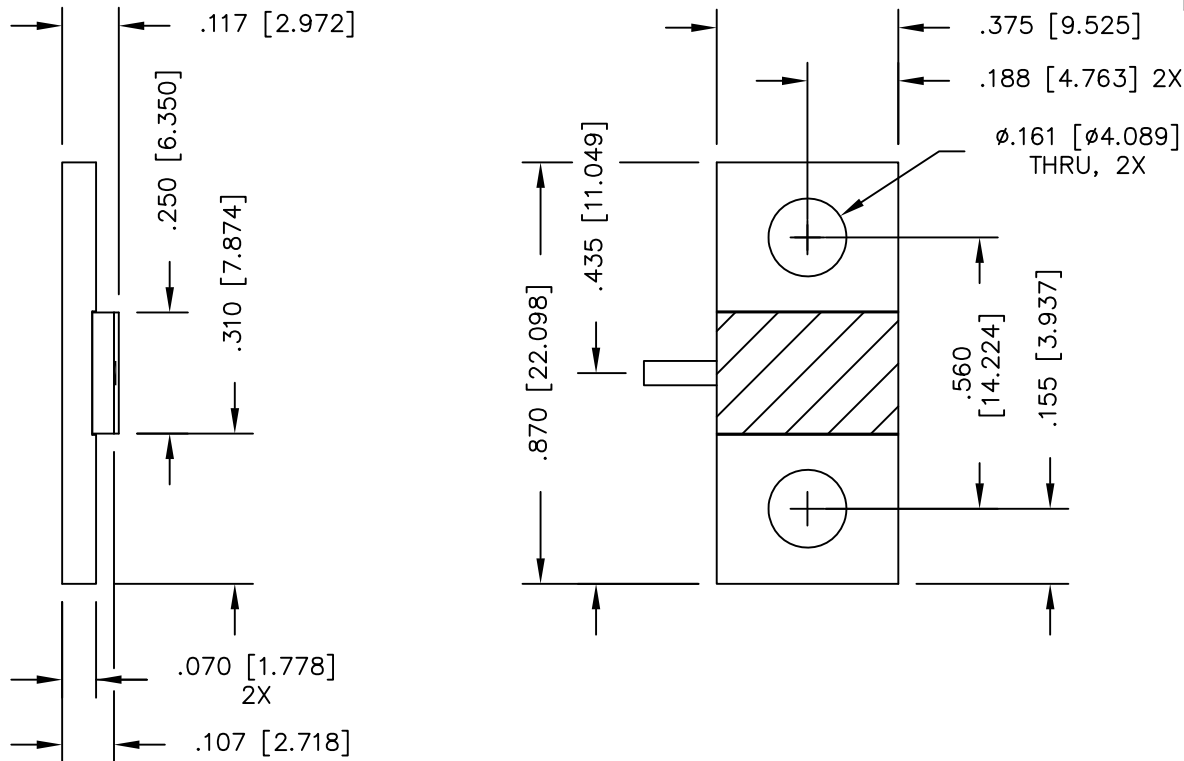


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

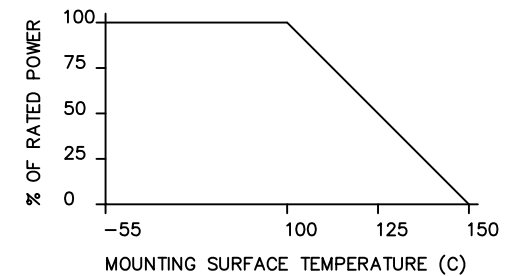
| DAR  | REV | DESCRIPTION     | APPVD | DATE  |
|------|-----|-----------------|-------|-------|
| 2766 | A   | INITIAL RELEASE | TJD   | 10-10 |
| 3495 | B   | SEE DAR         | DG    | 2-12  |



**NOTES:**

- LEAD MATERIAL: 99.99% PURE SILVER, .050 [1.270] WIDE x .005 [.127] THICK x .150 [3.810] MIN. LONG.
- SUBSTRATE MATERIAL: BeO
- FLANGE MATERIAL: COPPER PLATING: NICKEL
- LEAD(S) WELDED TO SUBSTRATE.

POWER DERATING CURVE



**ELECTRICAL SPECIFICATIONS**

| PART NO.       | VALUE        | INPUT POWER | FRERQUENCY | VSWR                                     |
|----------------|--------------|-------------|------------|--|
| IPP-TB212E-50  | 50 OHMS ±5%  | 150 WATT    | DC-3.5 GHz | <1.08:1 DC-2.7 GHz<br><1.25:1 DC-3.5 GHz |
| IPP-TB212E-100 | 100 OHMS ±5% | 150 WATT    | DC-2.0 GHz | 2.0±0.2:1                                |

|           |                                     |                  |     |       |       |                                  |                               |                |      |   |
|-----------|-------------------------------------|------------------|-----|-------|-------|----------------------------------|-------------------------------|----------------|------|---|
| MATERIAL  | <b>2</b> <b>3</b>                   | DWN              | DG  | DATE  | 10-10 | <b>Innovative Power Products</b> |                               |                |      |   |
| FINISH    | <b>3</b>                            | ENG              | TJD | DATE  | 10-10 |                                  |                               |                |      |   |
| TOLERANCE |                                     | MANUF            |     | DATE  |       |                                  |                               |                |      |   |
|           |                                     | CAGE CODE: 437R2 |     |       |       | TITLE                            | TERMINATION, 150 WATT, FLANGE |                |      |   |
| IN [MM]   | .XX ±.02 [.50]<br>.XXX ±.010 [.254] | SHEET            | OF  | SCALE |       | SIZE                             | P/N                           | IPP-TB212E-XXX | REV. | B |
|           |                                     | 1                | 1   | 4:1   |       | B                                |                               |                |      |   |