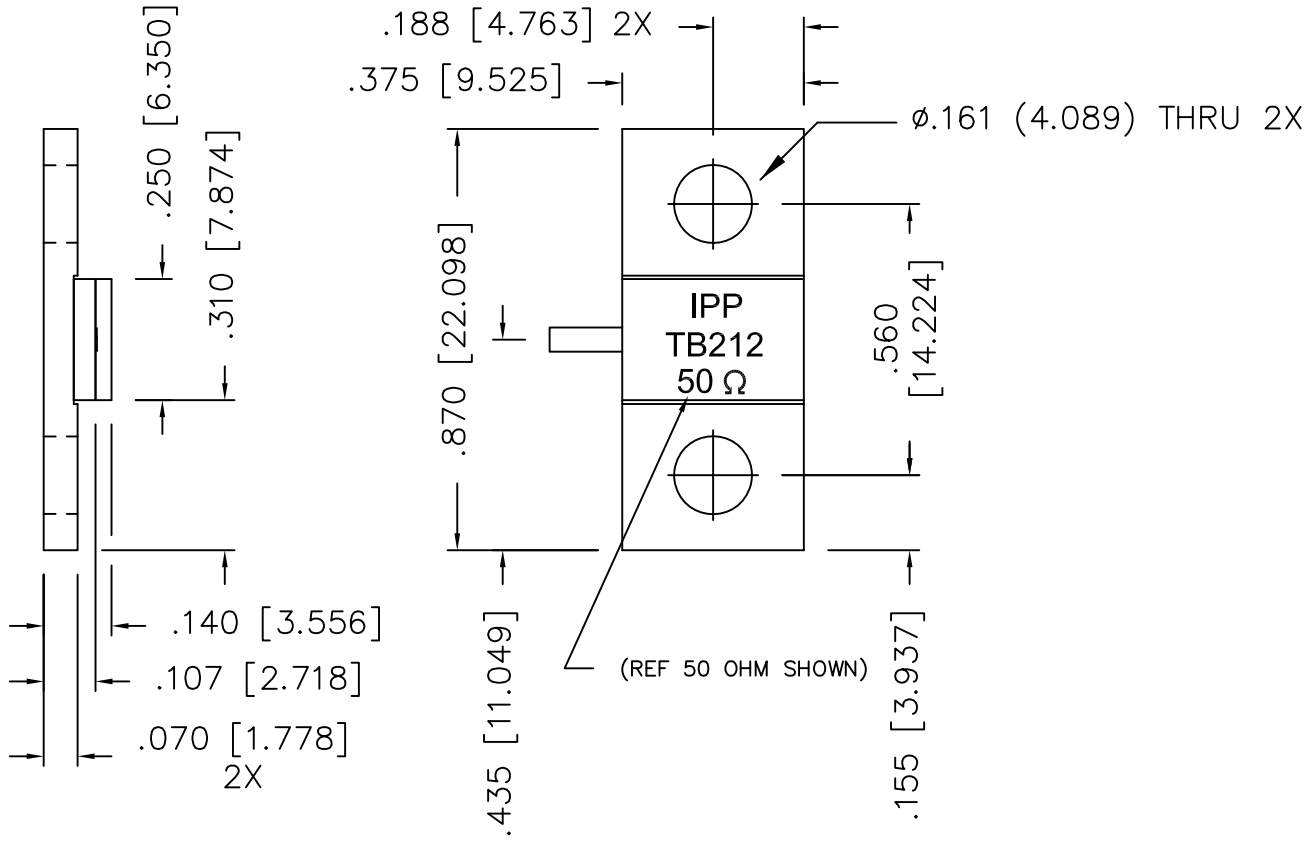


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-----------------------------------|-------|-------|
| 1207 | A | INITIAL RELEASE | TJD | 10-06 |
| 1240 | B | MODIFY FLANGE | TP | 11-06 |
| 1317 | C | CHANGE TEMPERATURE TO 150 DEGREES | TP | 8-07 |
| 1497 | D | CHANGE LD HEIGHT & HEIGHT DIMS | DG | 9-08 |
| 2007 | E | SEE DAR | DG | 9-09 |



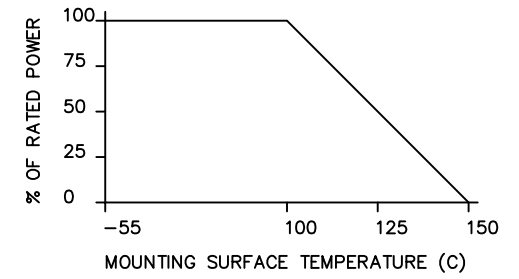
NOTES

- LEAD MATERIAL:
99.99% PURE SILVER,
.050 [1.270] WIDE x .005 [.127] THICK
- LEAD LENGTH: .150 [3.810] MIN.
- SUBSTRATE MATERIAL: BeO
COVER MATERIAL: Al₂O₃
- FLANGE MATERIAL: COPPER
PLATING: NICKEL
- DIMENSIONS: INCHES, [mm]

ELECTRICAL SPECIFICATIONS

INPUT POWER: 150 WATT
 FREQ: DC - 3.0 GHZ.
 VSWR: 1.25:1 DC - 2 GHZ.
 1.30:1 DC - 3 GHZ.

POWER DERATING CURVE



| PART NO. | VALUE | TOLERANCE |
|---------------|----------|-----------|
| IPP-TB212-50 | 50 OHMS | +/- 5% |
| IPP-TB212-100 | 100 OHMS | +/- 5% |

| | | | |
|--|------------------|--------------|--|
| MATERIAL [3] [4] | DWN DG | DATE 9-06 | |
| | ENG TJD | DATE 9-06 | |
| FINISH [4] | MANUF TP | DATE 9-06 | |
| TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] | CAGE CODE: 437R2 | | TITLE TERMINATION, 150 WATT, FLANGE |
| | SHEET OF 1 1 | SCALE 4:1 | P/N IPP-TB212-XXX |
| | | | REV. E |