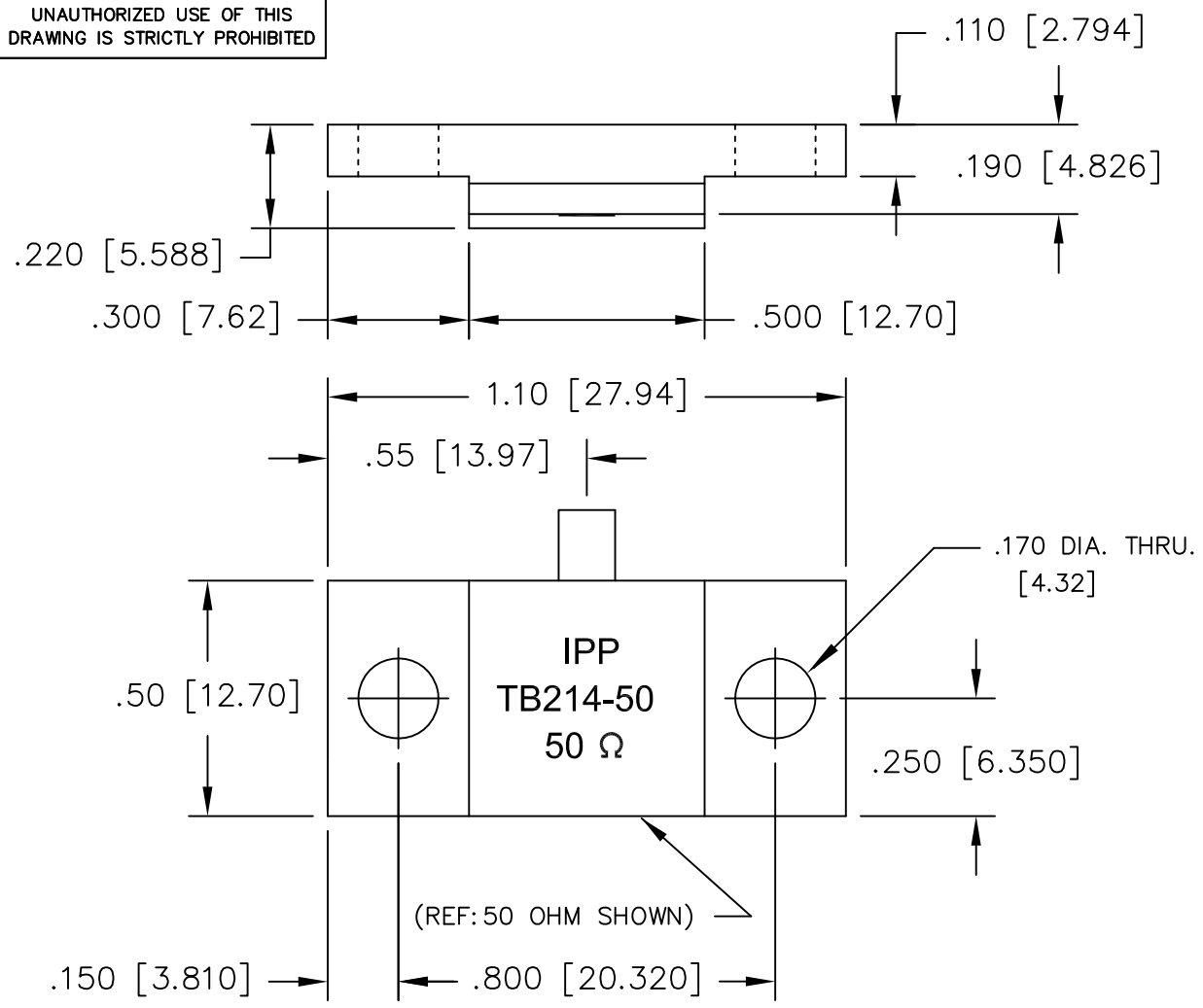


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|------|-----|--------------------------------|-------|------|
| 1150 | A | INITIAL RELEASE | TJD | 7-06 |
| 1382 | B | REVISED ELEC. SPEC'S & VIEWS | DG | 1-08 |
| 1497 | C | CHANGE LD HEIGHT & HEIGHT DIMS | DG | 9-08 |



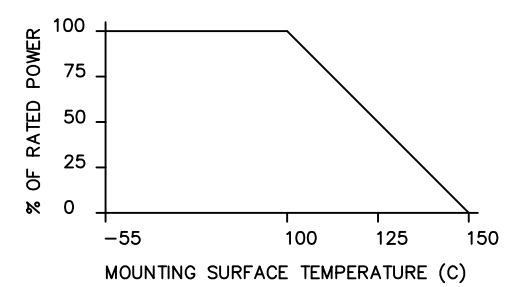
NOTES

- LEAD MATERIAL:
99.99% PURE SILVER,
.120 WIDE x .005 THICK
- LEAD LENGTH: .150 MIN.
- SUBSTRATE MATERIAL: BeO
COVER MATERIAL: Al₂O₃
- FLANGE MATERIAL: COPPER
PLATING: NICKEL
- DIMENSIONS IN [] ARE IN mm.

ELECTRICAL SPECIFICATIONS

INPUT POWER: 400 WATT
 FREQ: DC - 1600 MHZ.
 VSWR: 1.20:1 DC - 1000 MHZ.
 VSWR: 1.25:1 @ 1600 MHZ.

POWER DERATING CURVE



| PART NO. | VALUE | TOLERANCE |
|---------------|----------|-----------|
| IPP-TB214-50 | 50 OHMS | +/- 5% |
| IPP-TB214-100 | 100 OHMS | +/- 5% |

| | | | |
|---|------------------|--------------|-------------------------------|
| MATERIAL [3] [4] | DWN DG | DATE 7-06 | |
| | ENG TJD | DATE 7-06 | |
| FINISH [4] | MANUF TP | DATE 7-06 | TITLE |
| | CAGE CODE: 437R2 | | TERMINATION, 400 WATT, FLANGE |
| TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] | SHEET OF 1 1 | SCALE 2:1 | SIZE P/N B IPP-TB214-XXX |
| | | | REV. C |