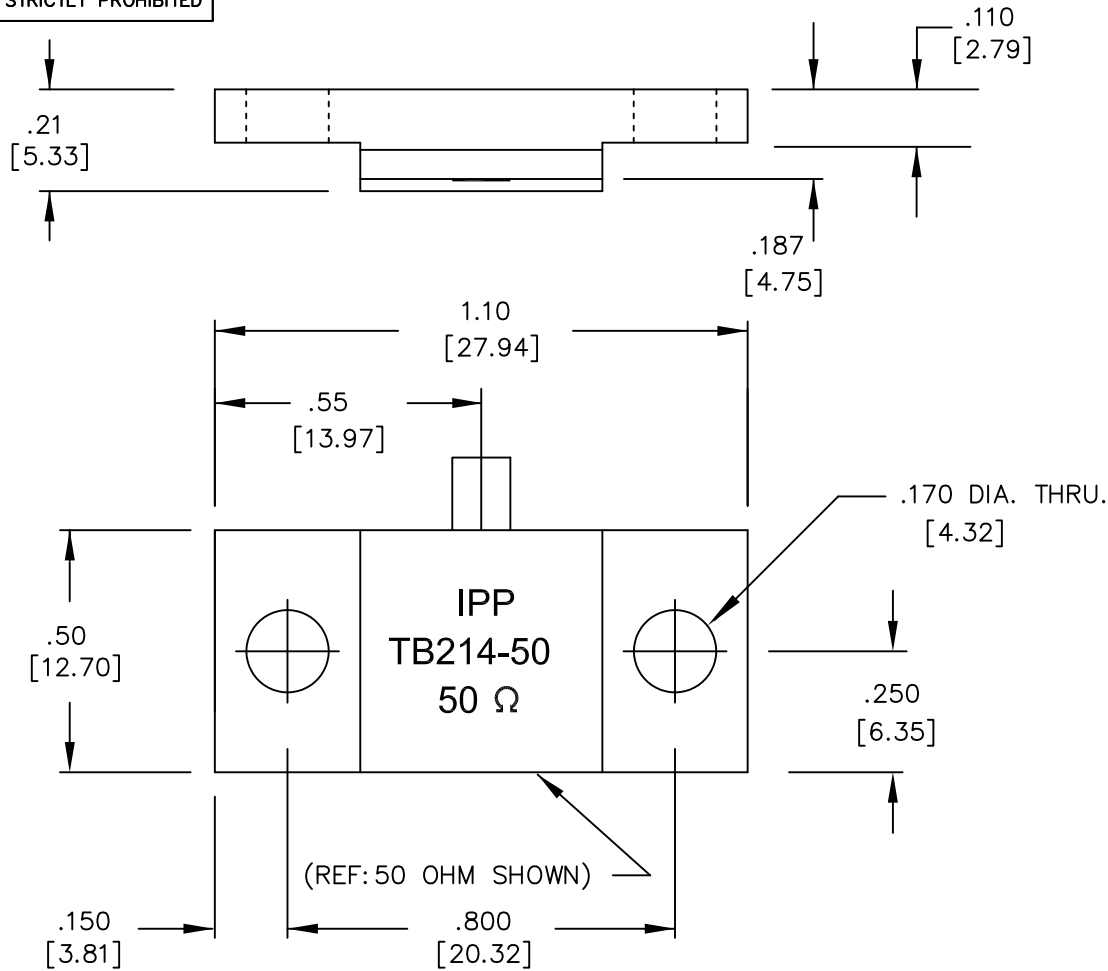


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1150	A	INITIAL RELEASE	TJD	7-06
1382	B	REVISED ELEC. SPEC'S & VIEWS	DG	1-08



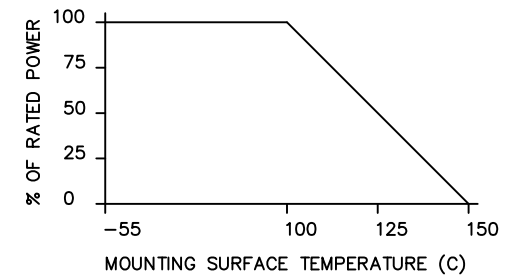
**NOTES**

- 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  
 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 B	P/N IPP-TB214-XXX	REV. B