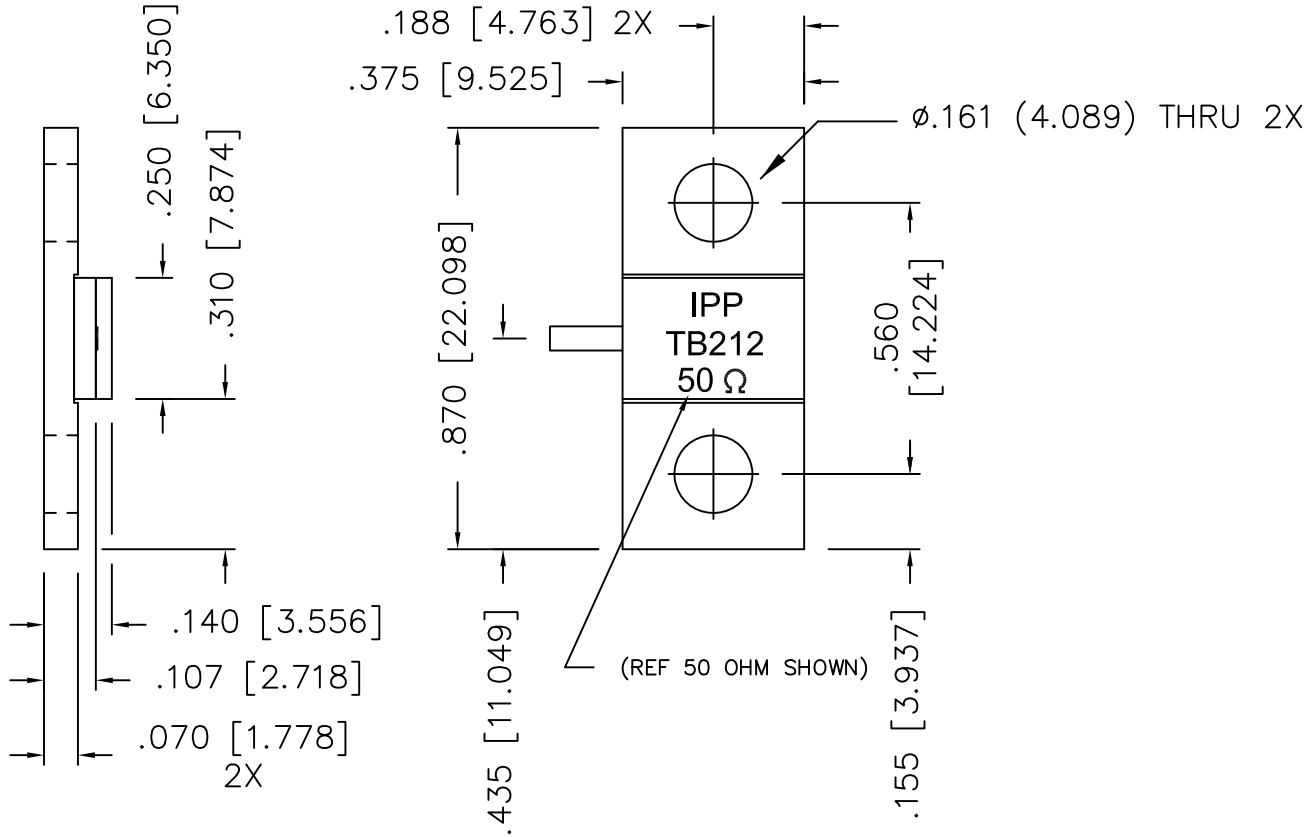


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

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
3507	F	SEE DAR	DG	2-12



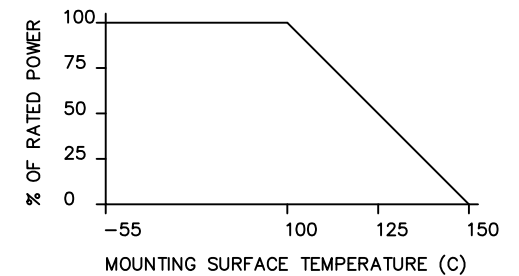
**NOTES**

- LEAD MATERIAL:  
99.99% PURE SILVER,  
.050 [1.270] WIDE x .005 [.127] THICK
- LEAD LENGTH: .150 [3.810] MIN.
- 3 SUBSTRATE MATERIAL: BeO  
COVER MATERIAL: Al<sub>2</sub>O<sub>3</sub>
- 4 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%

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		P/N IPP-TB212-XXX
	SHEET OF 1 1	SCALE 4:1	