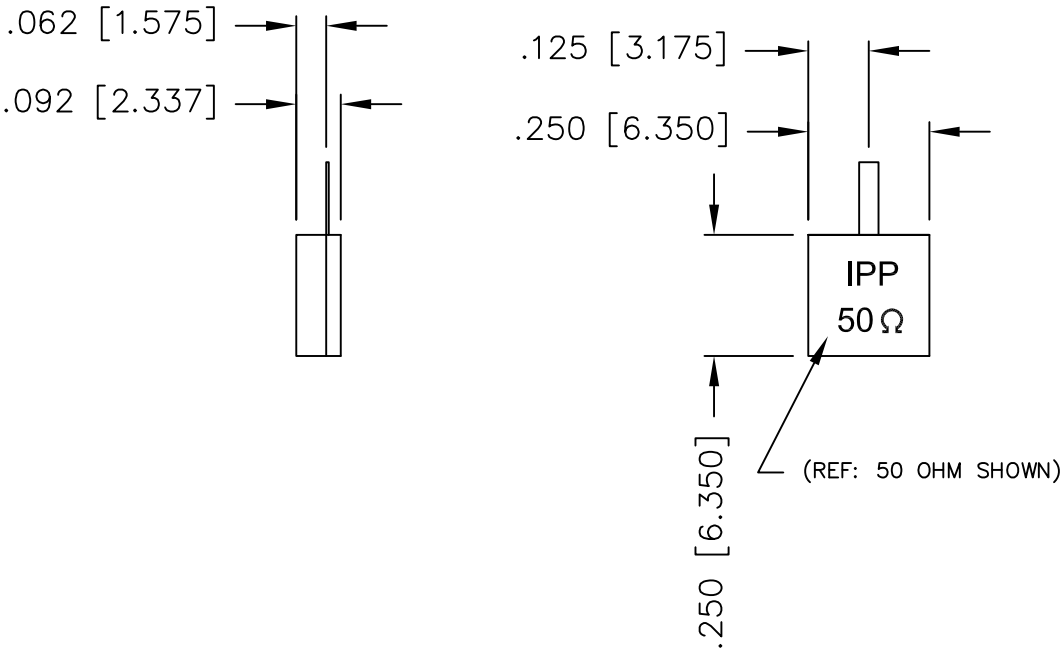


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

ELECTRICAL SPECIFICATIONS

PART NO.	VALUE	INPUT POWER	FREQUENCY	VSWR
IPP-TB103-25	25 OHMS $\pm 5\%$	100 WATT	DC-3.0 GHz	$2 \pm 0.2:1$
IPP-TB103-50	50 OHMS $\pm 5\%$	100 WATT	DC-5.0 GHz	$<1.10:1$ DC-4.2 GHz $<1.25:1$ DC-5.0 GHz
IPP-TB103-100	100 OHMS $\pm 5\%$	100 WATT	DC-3.0 GHz	$2 \pm 0.2:1$

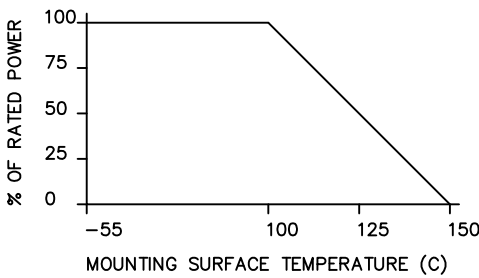


DAR	REV	DESCRIPTION	APPVD	DATE
1106	A	INITIAL RELEASE	TP	5-07
1322	B	CHANGE POWER LEVEL TO 100 WATTS	TP	8-07
1580	C	ADDED IPP-TB103-25	DG	10-08
2035	D	SEE DAR	DG	9-09
3536	E	SEE DAR	DG	3-12
5102	F	SEE DAR	DG	8-14

NOTES

- LEAD MATERIAL:
99.99% PURE SILVER
.040 [1.016] WIDE x .005 [.127] THICK
- LEAD LENGTH: .150 [3.810] MIN.
- SUBSTRATE MATERIAL: BeO
COVER MATERIAL: Al₂O₃
- DIMENSIONS: INCHES, [mm]
- BOTTOM SIDE METALIZATION:
THICK FILM PLATINUM SILVER
- RoHS COMPLIANT.

POWER DERATING CURVE



MATERIAL [3]	DWN DG	DATE 5-07	 TITLE TERMINATION, 100 WATT, FLANGELESS	
	ENG TJD	DATE 5-07		
	MANUF TP	DATE 5-07		
FINISH [5]	CAGE CODE: 437R2		P/N IPP-TB103-XXX	
	SHEET 1	OF 1		
TOLERANCE IN [MM] .XX $\pm .02$ [.50] .XXX $\pm .010$ [.254]		SCALE 4:1	REV. F	