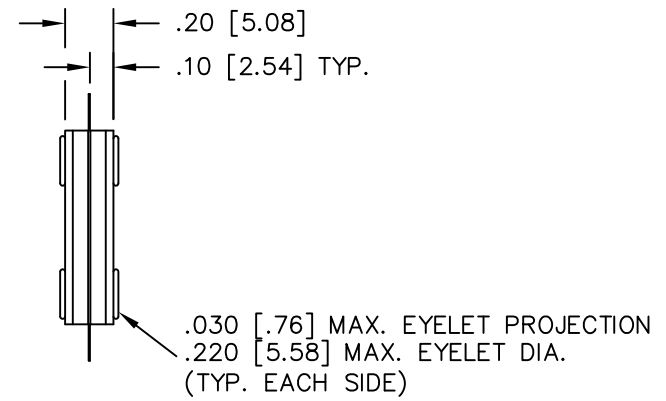
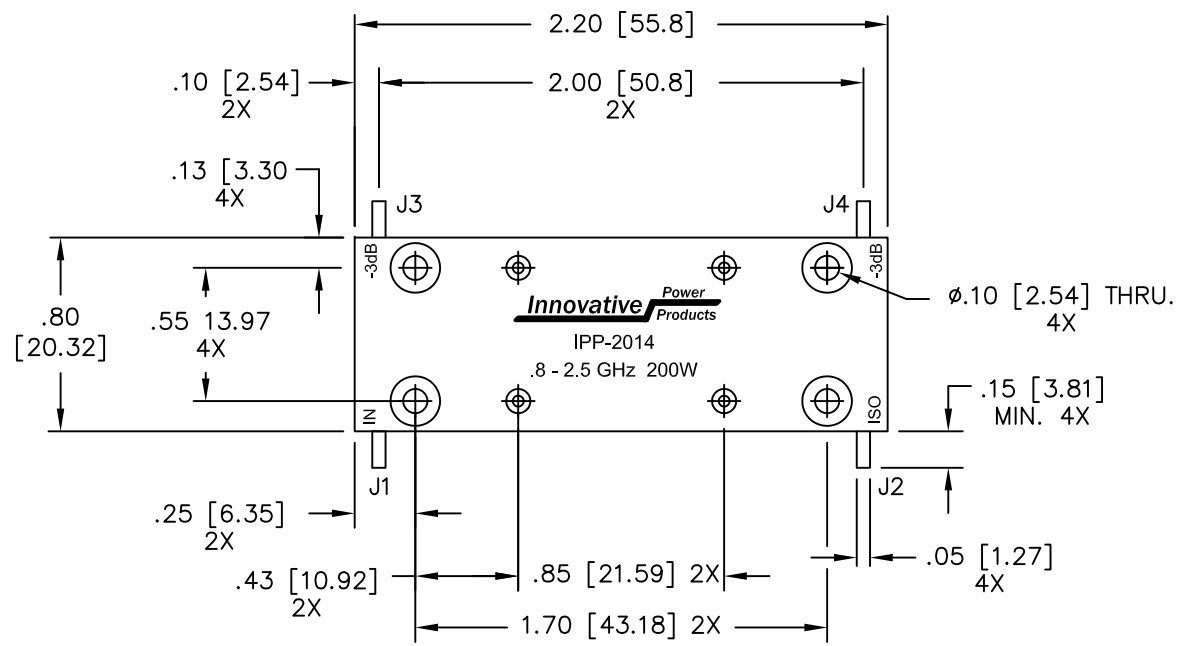


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1043	A	INITIAL RELEASE	TJD	12/05
1073	B	REMOVE (2) CENTER EYELETS	TP	3/06
1453	C	REVISE SPECIFICATIONS	DG	6/08
4810	D	SEE DAR	DG	2-14



**ELECTRICAL SPECIFICATIONS**

- NOTES:**
- LEAD MATERIAL: 99.99% PURE SILVER .005 [.127] THICK.
  - SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
  - RoHS COMPLIANT.
  - DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1001. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.
- FREQUENCY: .8 - 2.5 GHz.  
 INSERTION LOSS: <math>< 0.50</math> dB  
 VSWR: <math>< 1.30:1</math>  
 ISOLATION: <math>> 18</math> dB  
 AMPLITUDE BALANCE:  $\pm 0.60$  dB  
 PHASE BALANCE:  $\pm 5^\circ$   
 POWER: 200 WATT  
 TEMPERATURE:  $-55^\circ\text{C}$  TO  $85^\circ\text{C}$

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	-3dB<0 DEG	-3dB<-90 DEG
J2	ISOLATION	---	-3dB<-90 DEG	-3dB<0 DEG
J3	-3dB<0 DEG	-3dB<-90 DEG	---	ISOLATION
J4	-3dB<-90 DEG	-3dB<0 DEG	ISOLATION	---

MATERIAL	DWN DG	DATE 12/05			
AL. ALLOY, 6061-T6	ENG TJD	DATE 12/05			
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF TP	DATE 12/05			
TOLERANCE .XX $\pm 0.02$ [.50] .XXX $\pm 0.005$ [.127] ANG. $\pm 1/2^\circ$	CAGE CODE: 437R2		TITLE OUTLINE, COUP., 90°, .8 - 2.5 GHz. 200W		
	SHEET 1	OF 1	SCALE 2:1	P/N IPP-2014	REV. D