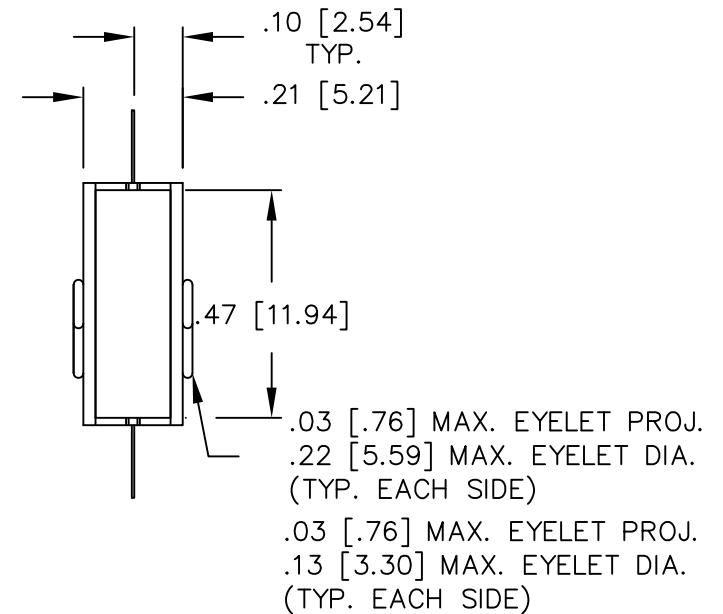
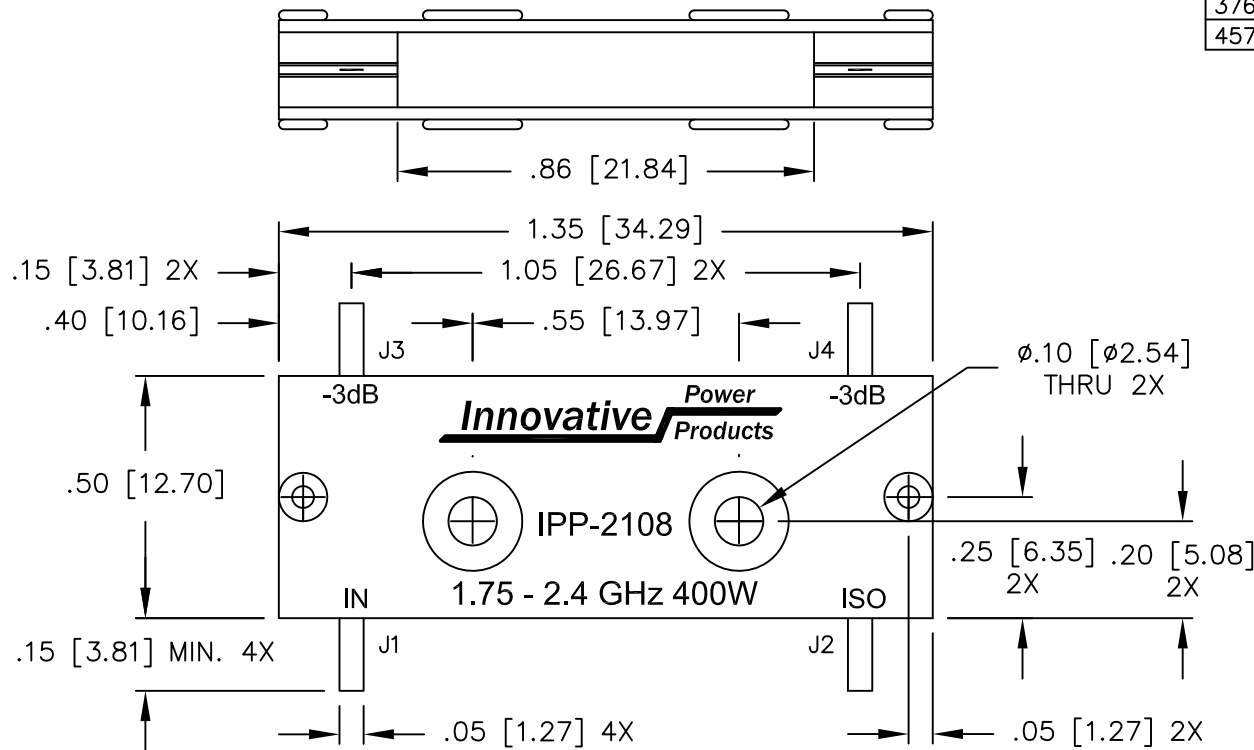


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1453	A	INITIAL RELEASE	DG	5-08
2142	B	SEE DAR	DG	11-09
3761	C	SEE DAR	DG	7-12
4570	D	SEE DAR	DG	10-13



**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-1007. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

FREQUENCY:	1.75 - 2.4 GHz.
INSERTION LOSS:	< 0.20 dB
VSWR:	< 1.25:1
ISOLATION:	> 20 dB
AMPLITUDE BALANCE:	±0.30 dB
PHASE BALANCE:	±5°
POWER:	400 WATT
TEMPERATURE:	-55°C TO 85°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 AL. ALLOY, 6061-T6	DWN	DG	DATE	5-08				
	ENG	TJD	DATE	5-08				
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF	TP	DATE	5-08	TITLE OUTLINE, COUP., 90°, 1.75 - 2.4 GHz. 400W			
	CAGE CODE: 437R2							
TOLERANCE IN [MM]	.xx ±.02 [.50]	SHEET OF 1 1	SCALE	4:1	SIZE	P/N	IPP-2108	REV. D
	.xxx ±.005 [.127] ANG. ±1/2°							