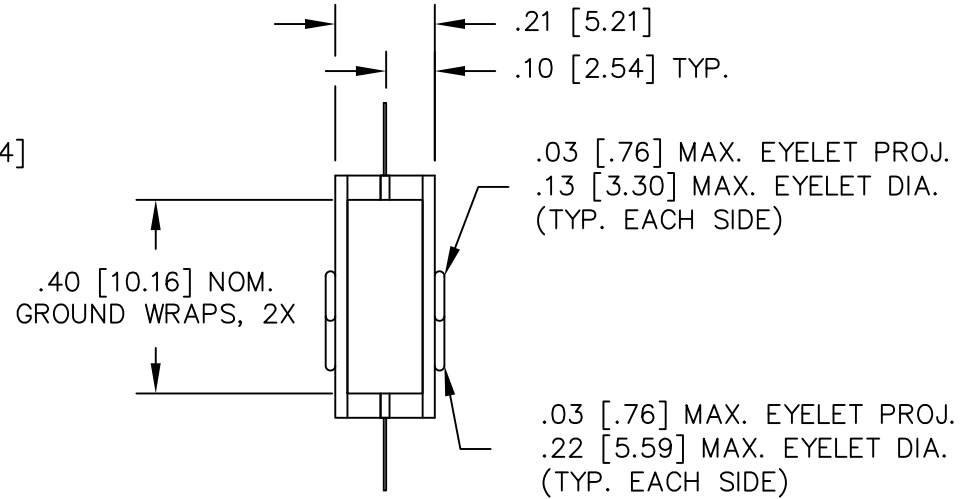
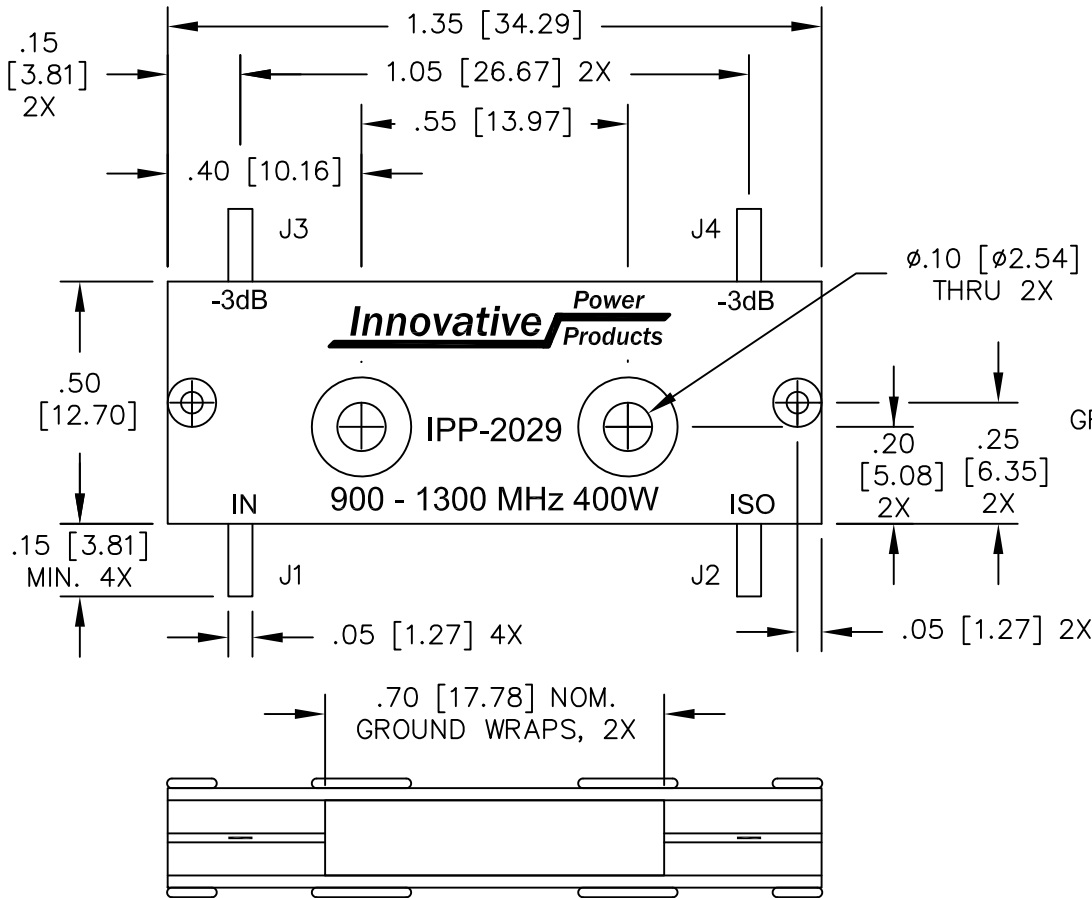


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1456	B	FREQUENCY WAS 960 - 1220 MHz.	DG	6-08
4673	C	SEE DAR	DG	11-13
6241	D	SEE DAR	DG	6-16



**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-1000. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

FREQUENCY:	900 - 1300 MHz.
INSERTION LOSS:	< 0.2 dB
VSWR:	< 1.25:1
ISOLATION:	> 19 dB
AMPLITUDE BALANCE:	±0.4 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	DWN DG	DATE 3-06	<b>Innovative Power Products</b>	
AL. ALLOY, 6061-T6	ENG TJD	DATE 3-06		
FINISH	MANUF TP	DATE 3-06	TITLE	
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT			OUTLINE, COUP., 90°, 900 - 1300 MHz. 400W	
TOLERANCE	CAGE CODE: 437R2		SIZE	P/N
.xx ±.02 [.50] IN [MM] .xxx ±.005 [.127] ANG. ±1/2°	SHEET 1	OF 1	SCALE 4:1	IPP-2029
				REV. D