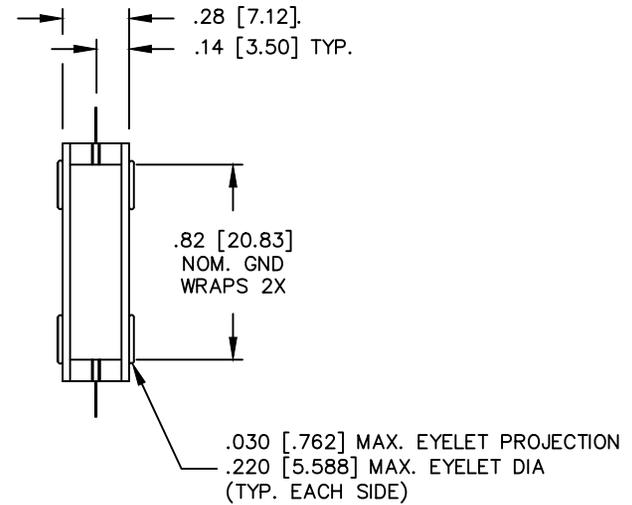
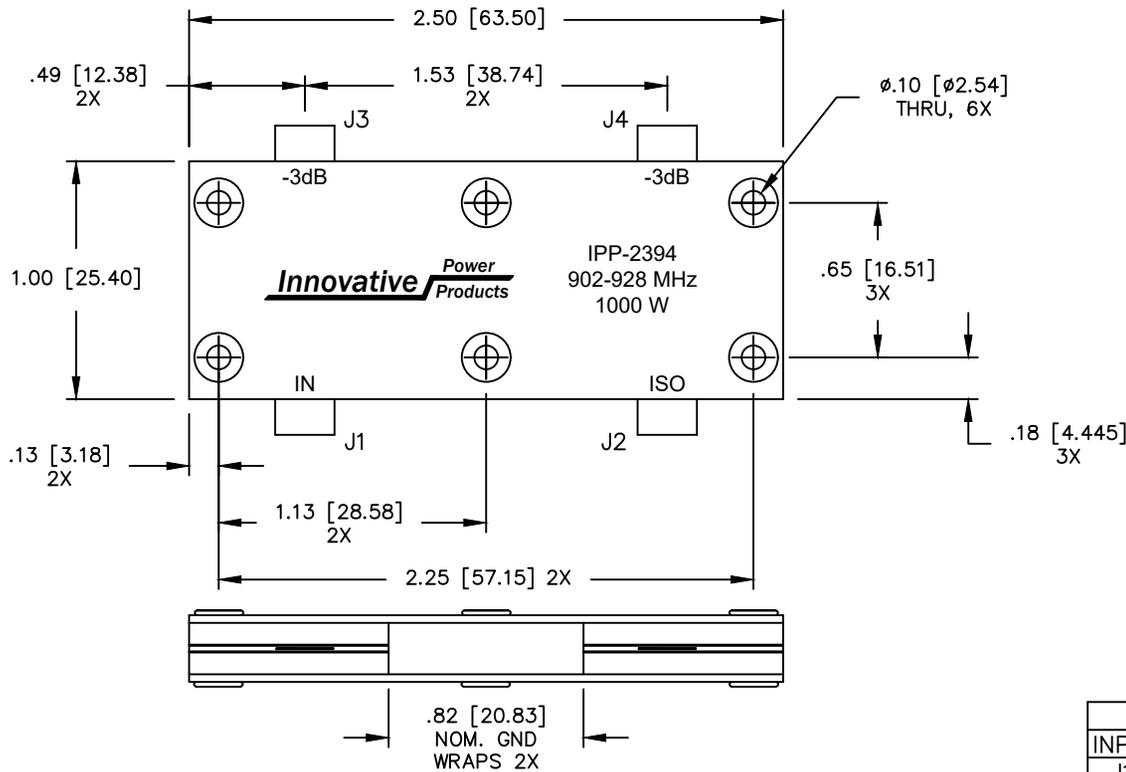


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
9435	A	INITIAL RELEASE	DG	9-23



**NOTES:**

- LEAD MATERIAL: 99.99% PURE SILVER  
.250 [6.350] WIDE X .005 [.127]  
THICK X .15 [3.81] LG. MIN.
- SEE 90° APPLICATION NOTE FOR  
FURTHER INFORMATION.
- RoHS COMPLIANT.
- DATA AND SPECIFICATIONS APPLY  
WHEN PART IS MOUNTED IN IPP TEST  
FIXTURE. TEST FIXTURE  
CONFIGURATION/FOOTPRINT AVAILABLE  
ON REQUEST.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	902 - 928 MHz.
INSERTION LOSS:	< 0.20 dB
VSWR:	< 1.25:1
ISOLATION:	> 19 dB
AMPLITUDE BALANCE:	±0.30 dB
PHASE BALANCE:	±5°
POWER:	1000 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 S.Cornell	DATE 8-11-23	<b>Innovative Power Products</b>	
FINISH	CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	ENG DG	DATE 8-23		
TOLERANCE	.XX ±.02 [.50] IN [MM] .XXX ±.005 [.127] ANG. ±1/2°	MANUF	DATE	TITLE OUTLINE 90° COUPLER, 902 - 928 MHz., 1000W	
		CAGE CODE: 437R2		SIZE	P/N
		SHEET 1	OF 1	SCALE	2:1
				IPP-2394	
				REV.	A