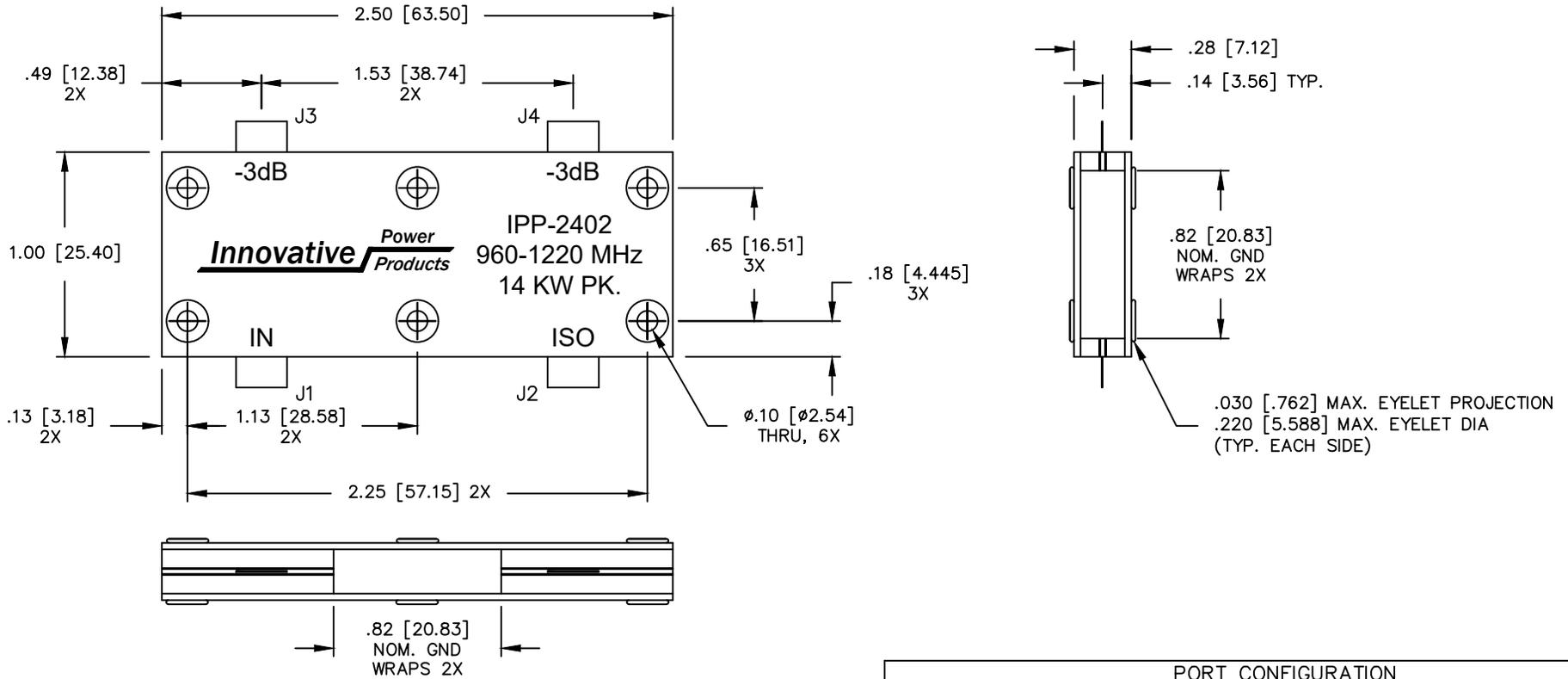


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
10016	A	INITIAL RELEASE	DG	3-25



**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: 960 – 1220 MHz.  
INSERTION LOSS: < 0.20 dB  
VSWR: < 1.25:1  
ISOLATION: > 19 dB  
AMPLITUDE BALANCE: ±0.30 dB  
PHASE BALANCE: ±5°  
POWER: 14 kW PK,  
200 uS, 10% DC  
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 1-8-25	<b>Innovative Power® Products</b>		
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	ENG DG	DATE 1-25			
TOLERANCE IN [MM]	CAGE CODE: 437R2		TITLE OUTLINE 90° COUPLER, 960 - 1220 MHz., 14 KW PK		
.XX ±.02 [.50] .XXX ±.005 [.127] ANG. ±1/2°	SHEET OF 1 1	SCALE 2:1	SIZE B	P/N IPP-2402	REV. A