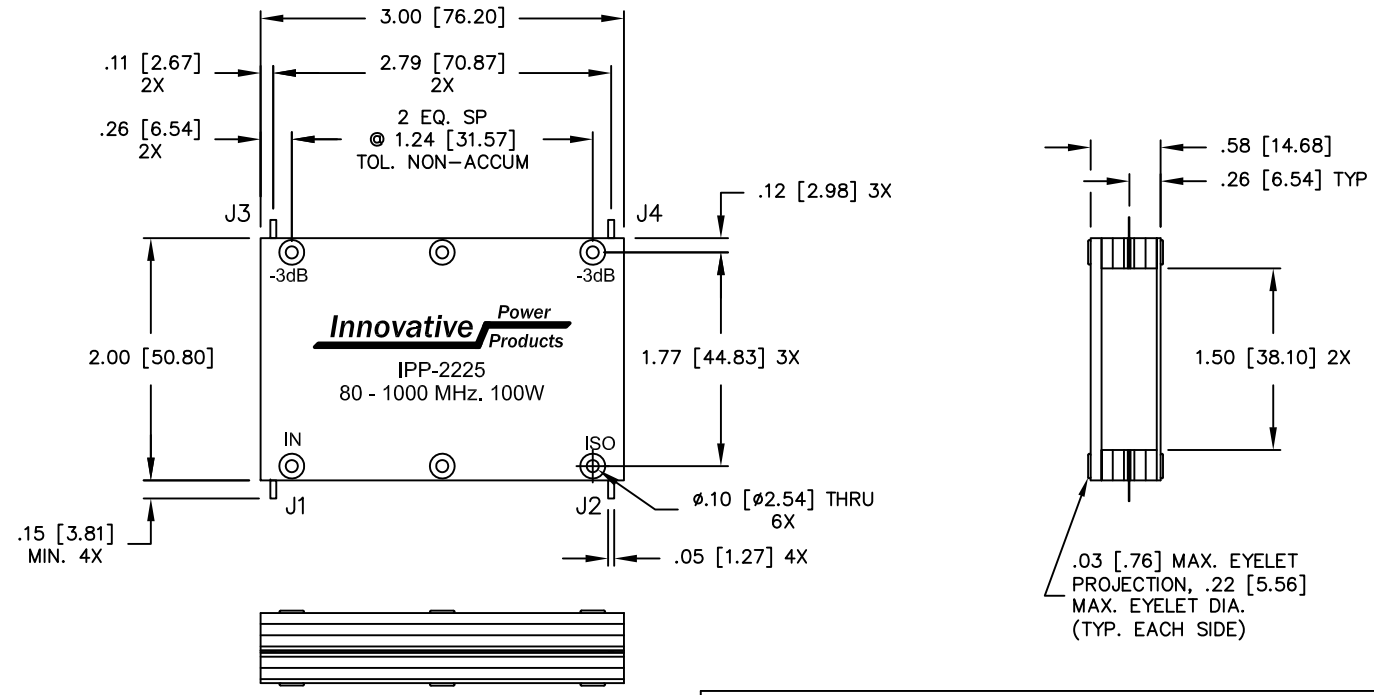


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2582	A	INITIAL RELEASE	DG	7-10
4659	B	SEE DAR	DG	10-13



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	---

- 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-1143. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	80 - 1000 MHz.
INSERTION LOSS:	< 0.75 dB
VSWR:	< 1.35:1
ISOLATION:	> 16 dB
AMPLITUDE BALANCE:	±1.30 dB
PHASE BALANCE:	±8°
POWER:	100 WATT
TEMPERATURE:	-55°C TO 85°C

MATERIAL AL. ALLOY, 6061-T6	DWN S.Cornell	DATE 4-20-10	<b>Innovative Power Products</b>		
	ENG DG	DATE 4-10			
FINISH CHEM FILM, CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT)	MANUF	DATE	TITLE OUTLINE, COUP., 90°, 80 - 1000 MHz. 100W		
	CAGE CODE: 437R2		SIZE B	P/N IPP-2225	REV. B
TOLERANCE IN [MM]	.xx ±.02 [.50] .xxx ±.005 [.127] ANG. ±1/2°	SHEET OF 1 1	SCALE 1:1		