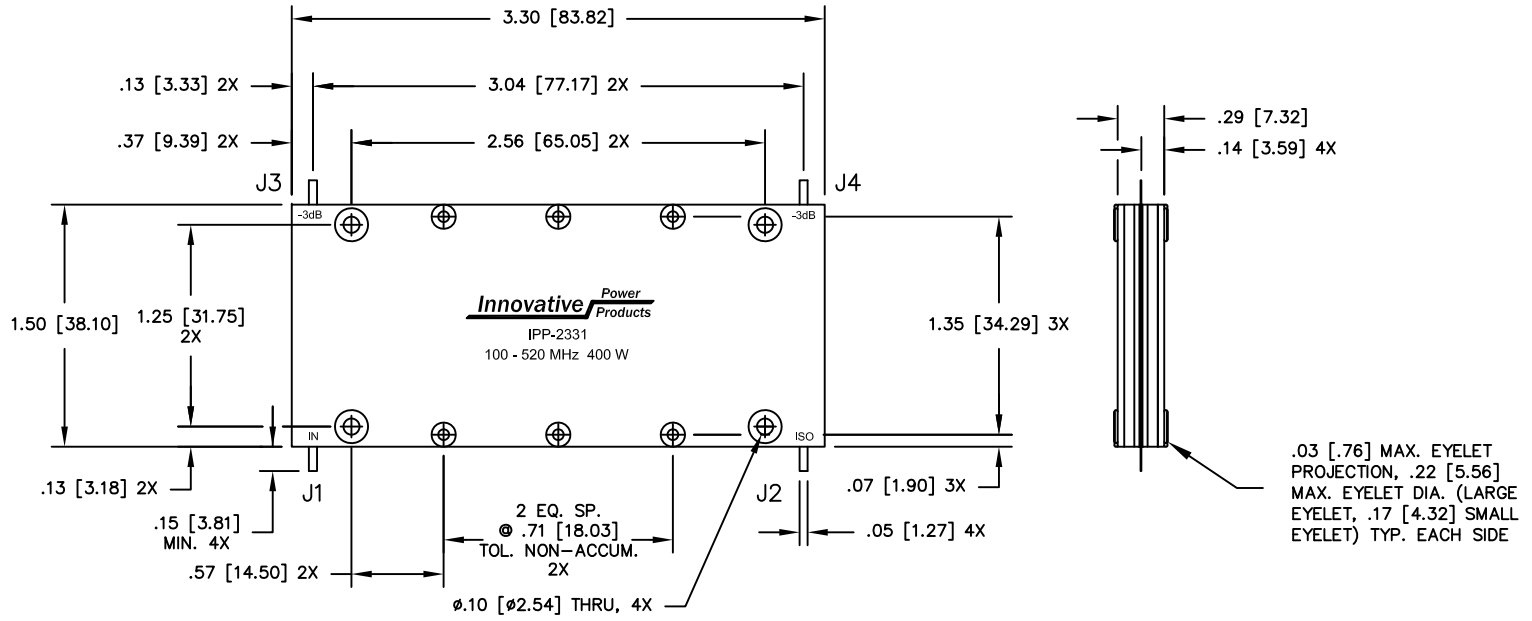


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
6259	C	SEE DAR	TJD	6-16
6329	D	SEE DAR	DG	7-16
7317	E	SEE DAR	DG	9-18



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.
  - LEAD FINISH: GOLD PLATE PER MIL-G-45204, TYPE 3, GRADE A, 20 MICRO-INCHES MAX.
  - SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
  - RoHS COMPLIANT.
  - DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1199. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	100 - 520 MHz.
INSERTION LOSS:	< 0.45 dB
VSWR:	< 1.30:1
ISOLATION:	> 17 dB
AMPLITUDE BALANCE:	±0.75 dB
PHASE BALANCE:	±5°
POWER:	400 WATT
TEMPERATURE:	-55°C TO 85°C

MATERIAL AL. ALLOY, 6061-T6	DWN S.Cornell	DATE 10-2-15	<b>Innovative Power Products</b>	
	ENG DG	DATE 12-15		
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF	DATE	TITLE OUTLINE, COUP., 90°, 100 - 520 MHz. 400 W	
	CAGE CODE: 437R2		SIZE B	P/N IPP-2331
TOLERANCE .xx ±.02 [.50] IN [MM] .xxx ±.005 [.127] ANG. ±1/2'	SHEET 1 OF 1	SCALE 1.33:1		