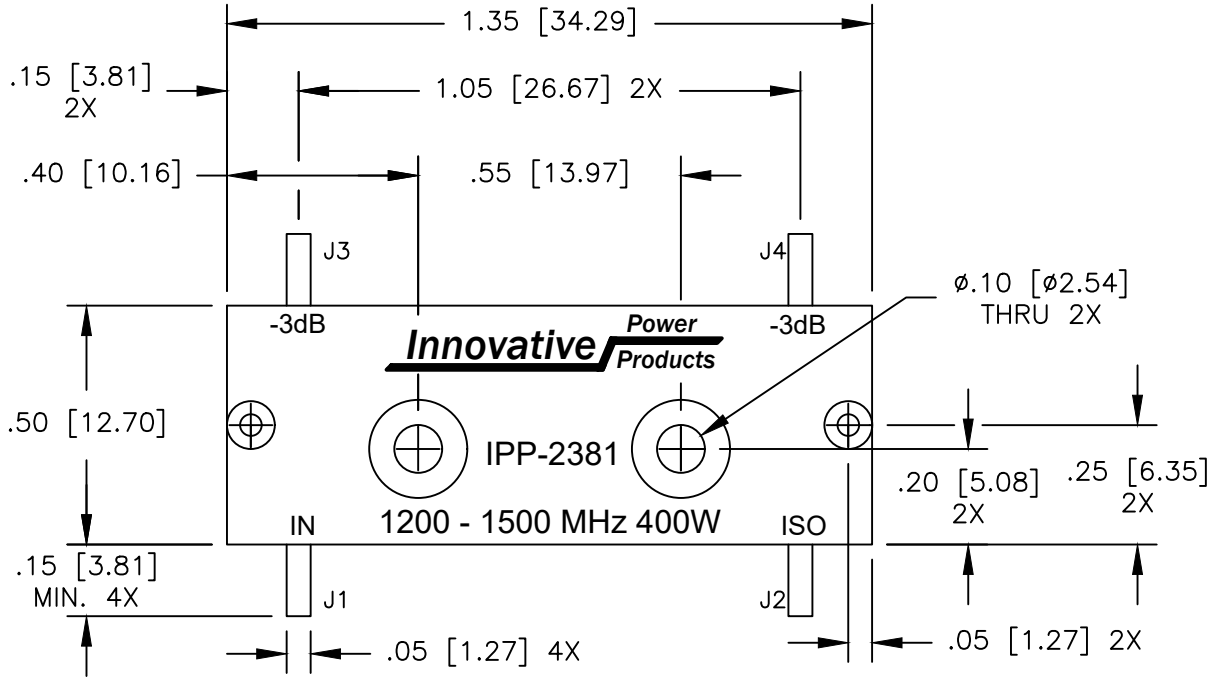
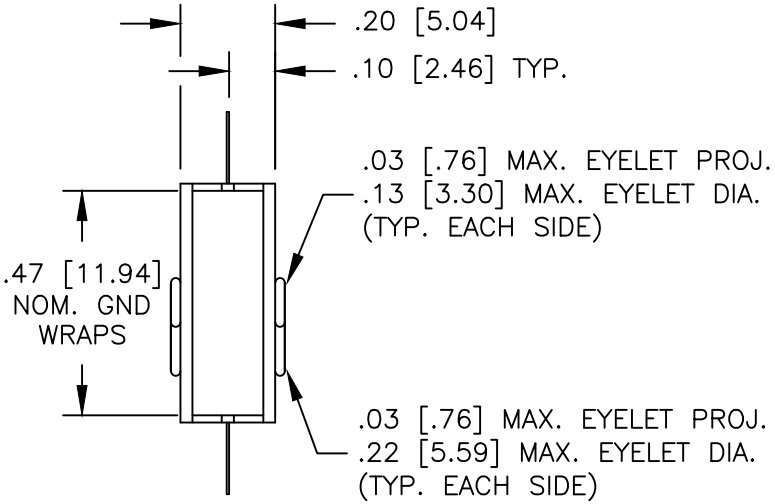
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
8993	A	INITIAL RELEASE	DG	7–22





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:
1. LEAD MATERIAL: 99.99% PURE SILVER .005 [.127] THICK.
2. SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
3. RoHS AND REACH COMPLIANT.
4. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF–1007. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	1200 – 1500 MHz.
INSERTION LOSS:	< 0.20 dB
VSWR:	< 1.25:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±0.30 dB
PHASE BALANCE:	±5°
POWER:	400 WATT
TEMPERATURE:	–55°C TO 85°C

MATERIAL: AL. ALLOY, 6061-T6	DWN S.Cornell	DATE 6-22-22	Innovative Power Products
FINISH: CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	ENG DG	DATE 7-22	TITLE: OUTLINE, COUP., 90°, 1200 - 1500 MHz. 400W
TOLERANCE IN [MM]: .XX ±.02 [.50], .XXX ±.005 [.127], ANG. ±1/2°	MANUF	DATE	SIZE B / P/N IPP-2381 / REV. A
	CAGE CODE: 437R2		
	SHEET 1 OF 1	SCALE 4:1	