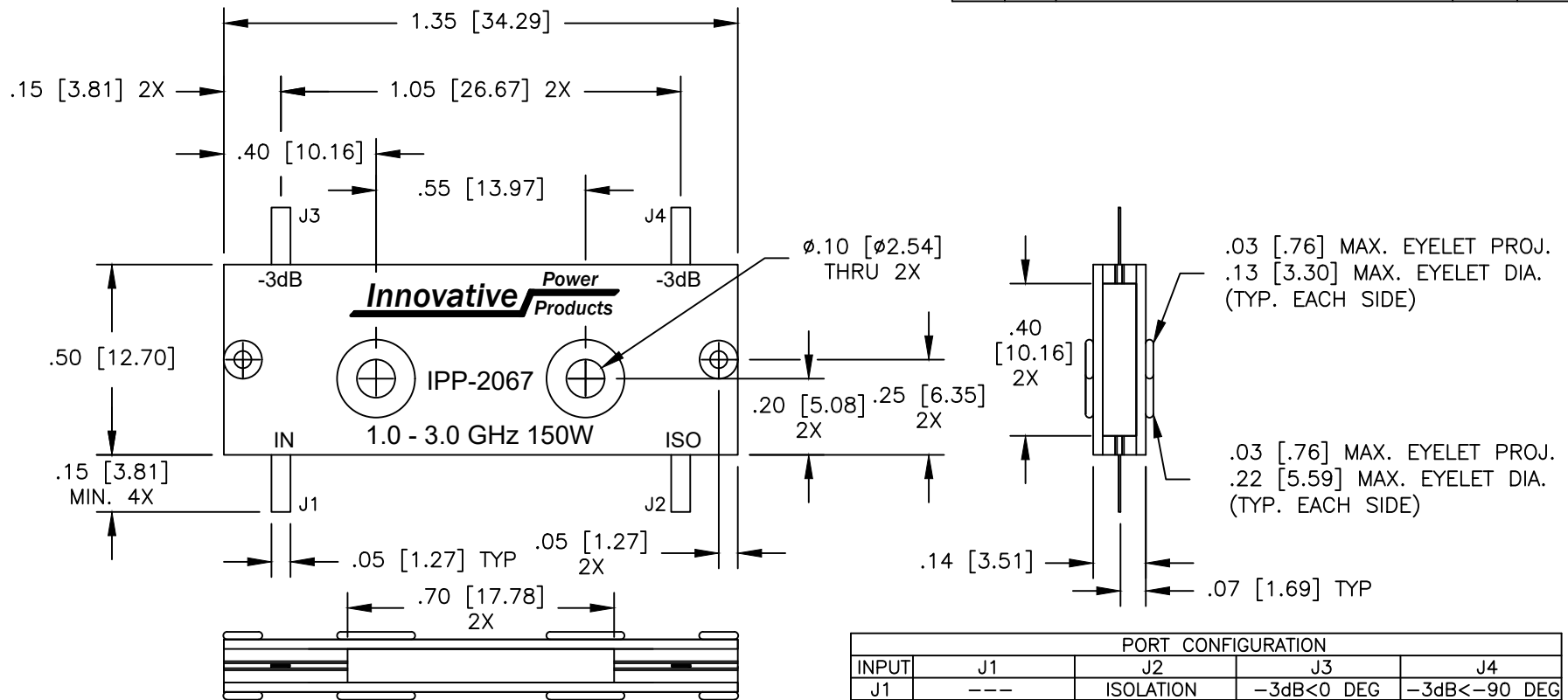


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4559	E	SEE DAR	DG	9-13
4894	F	SEE DAR	DG	4-14
9618	G	SEE DAR	DG	3-24



**ELECTRICAL SPECIFICATIONS**

**NOTES:**

- LEAD MATERIAL: 99.99% PURE SILVER  
.005 [1.27] THICK.
- 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.

FREQUENCY:	1.0 - 3.0 GHz.
INSERTION LOSS:	< 0.3 dB
VSWR:	< 1.30:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±1.1 dB
PHASE BALANCE:	±5°
POWER:	150 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	DG	DATE	1-03	<b>Innovative Power<sup>®</sup></b> <b>Products</b>
FINISH	CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	ENG	TJD	DATE	1-03	
TOLERANCE	.XX ±.02 [50] IN [MM] .XXX ±.005 [127] ANG. ±1/2°	MANUF	TP	DATE	1-03	
		CAGE CODE: 437R2		TITLE		OUTLINE, COUP., 90°, 1.0 - 3.0 GHz. 150W
		SHEET	OF	SCALE		SIZE
		1	1	4:1		B
				P/N		REV.
				IPP-2067		G