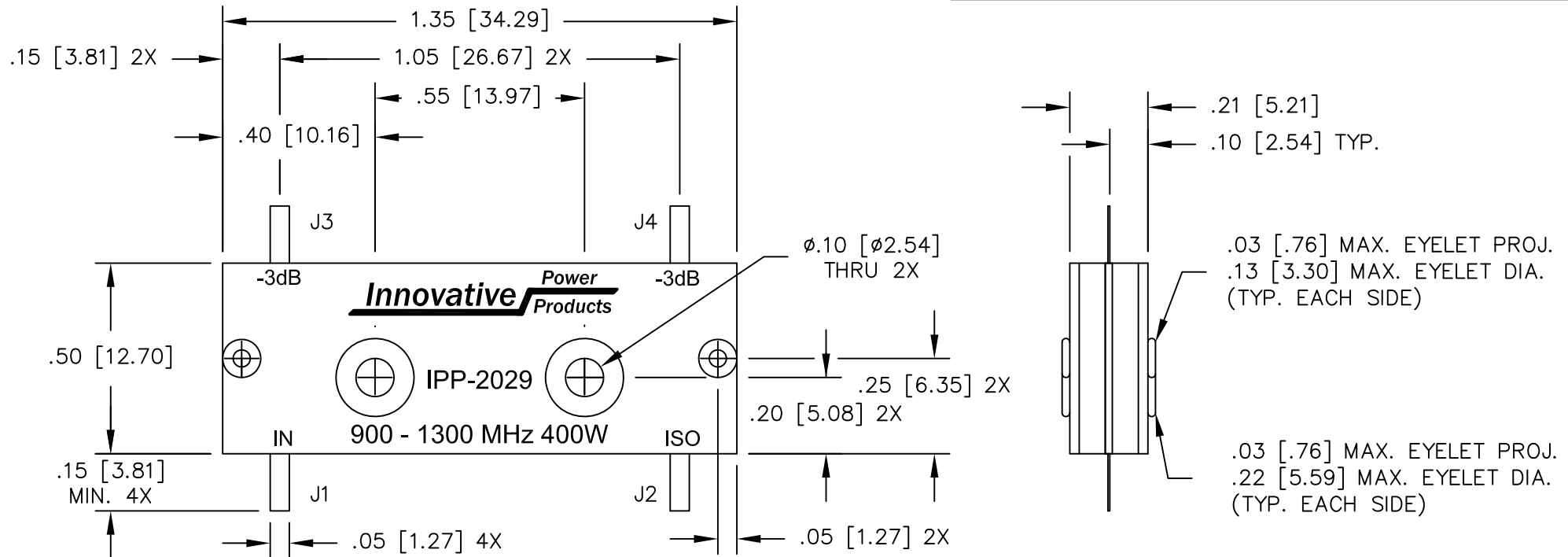


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1072	A	INITIAL RELEASE	TJD	3-06
1456	B	FREQUENCY WAS 960 - 1220 MHz.	DG	6-08
4673	C	SEE DAR	DG	11-13



ELECTRICAL SPECIFICATIONS

NOTES:

1. LEAD MATERIAL: 99.99% PURE SILVER .005 [.127] THICK.
2. SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
3. RoHS COMPLIANT.
4. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1000. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

FREQUENCY:	900 - 1300 MHz.
INSERTION LOSS:	< 0.2 dB
VSWR:	< 1.25:1
ISOLATION:	> 19 dB
AMPLITUDE BALANCE:	±0.4 dB
PHASE BALANCE:	±5°
POWER:	400 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		DWN	DG	DATE	3-06	Innovative Power Products	
AL. ALLOY, 6061-T6		ENG	TJD	DATE	3-06		
FINISH		MANUF	TP	DATE	3-06	TITLE	
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT		CAGE CODE: 437R2		OUTLINE, COUP., 90°, 900 - 1300 MHz. 400W		SIZE	
TOLERANCE		SHEET		SCALE		P/N	
.XX ±.02 [.50]		1		4:1		IPP-2029	
IN [MM]		OF				REV.	
.XXX ±.005 [.127]		1				C	
ANG. ±1/2°							