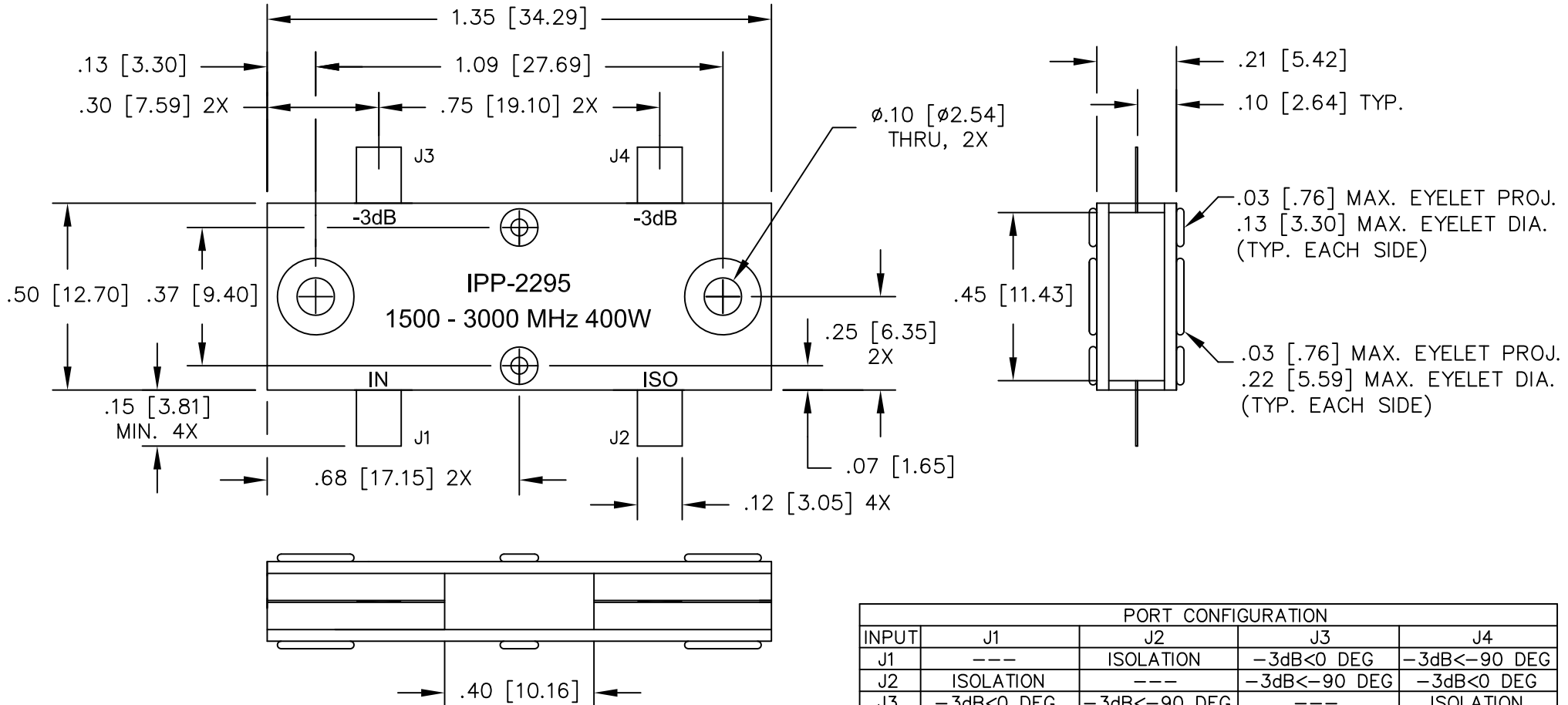


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3951	A	INITIAL RELEASE	DG	10-13
4661	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-1036. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	1500 - 3000 MHz.
INSERTION LOSS:	< 0.25 dB
VSWR:	< 1.30:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±0.50 dB
PHASE BALANCE:	±5°
POWER:	400 WATT
TEMPERATURE:	-55°C TO 85°C

MATERIAL	DWN S.Cornell	DATE	10-9-12	Innovative Power Products	
AL. ALLOY, 6061-T6	ENG DG	DATE	10-12		
FINISH	MANUF	DATE	TITLE		OUTLINE, COUP., 90°, 1500 - 3000 MHz. 400W
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT			CAGE CODE: 437R2		
TOLERANCE	SHEET OF		SCALE	SIZE	P/N
IN [MM]	1	1	4:1	B	IPP-2295
.XX ±.02 [.50]					REV. B
.XXX ±.010 [.254]					
ANG. ±1/2°					