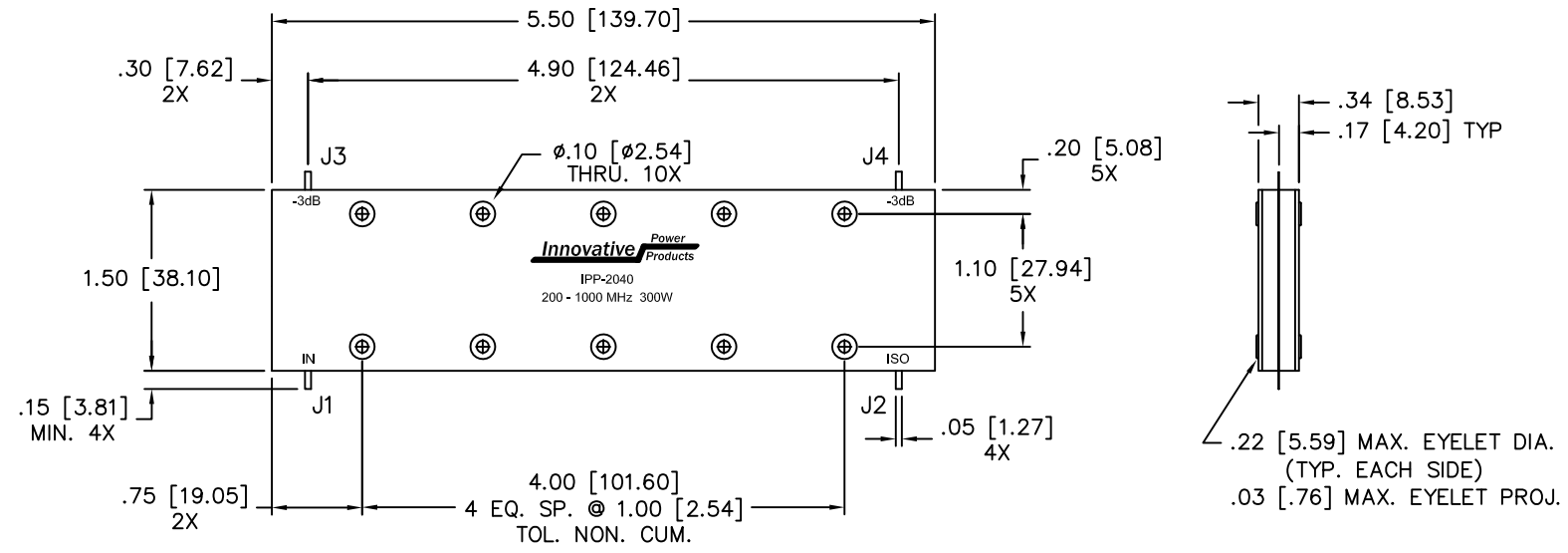


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1117	A	INITIAL RELEASE	TJD	4-06
1453	B	REVISED SPECIFICATIONS	DG	5-08
1988	C	SEE DAR	DG	8-09
2645	D	SEE DAR	DG	8-10
4556	E	SEE DAR	DG	9-13



ELECTRICAL SPECIFICATIONS

- 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-1146. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.
- FREQUENCY: 200 - 1000 MHz.
INSERTION LOSS: < 0.5 dB
VSWR: < 1.3:1
ISOLATION: > 16 dB
AMPLITUDE BALANCE: ±0.75 dB
PHASE BALANCE: ±5°
POWER: 300 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	4/06	Innovative Power Products		
AL. ALLOY, 6061-T6	ENG	TJD	DATE	4/06			
FINISH	MANUF	TP	DATE	4/06	TITLE		
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	CAGE CODE: 437R2			OUTLINE, COUP., 90°, 200 - 1000 MHz. 300W			
TOLERANCE	SHEET	OF	SCALE	1:1	SIZE	P/N	REV.
.xx ±.02 [.50] IN [MM] .xxx ±.005 [.127] ANG. ±1/2'	1	1			B	IPP-2040	E