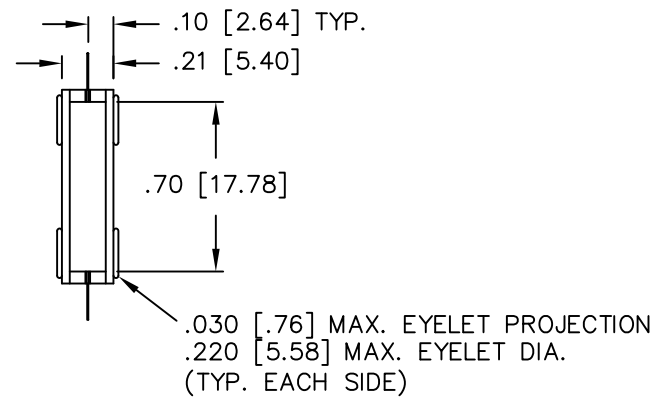
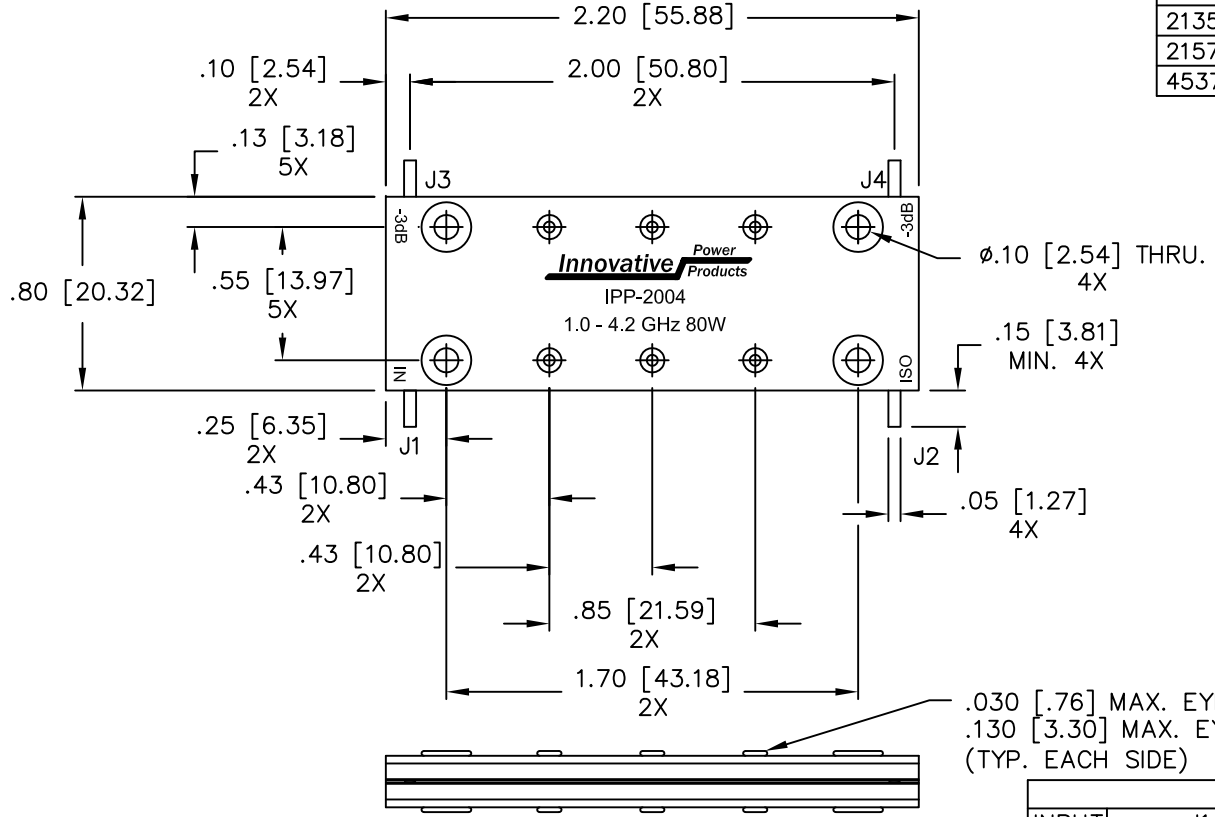


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1022	A	INITIAL RELEASE	TJD	12/05
1045	B	ADD [mm] DIMENSIONS	TJD	12/05
1277	C	CHANGE POWER FROM 200 W TO 80 W	TJD	4/07
1453	D	REVISED SPECIFICATIONS	DG	6/08
2135	E	SEE DAR	DG	11-09
2157	F	SEE DAR	DG	11-09
4537	G	SEE DAR	DG	9-13



.030 [.76] MAX. EYELET PROJECTION  
.130 [3.30] MAX. EYELET DIA.  
(TYP. EACH SIDE)

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	1.0 - 4.2 GHz.
INSERTION LOSS:	< 0.50 dB
VSWR:	< 1.30:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±0.50 dB
PHASE BALANCE:	±5°
POWER:	80 WATT
TEMPERATURE:	-55°C TO 85°C

- 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-1001. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

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	10/05	<b>Innovative Power Products</b>
AL. ALLOY, 6061-T6	ENG	TJD	DATE	10/05	
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF	TP	DATE	10/05	
TOLERANCE .XX ±.02 [.50] .XXX ±.005 [.127] ANG. ±1/2'	CAGE CODE: 437R2				TITLE
	SHEET	OF	SCALE		OUTLINE, COUP., 90°, 1.0 - 4.2 GHz. 80W
	1	1	2:1		P/N
					IPP-2004
					REV.
					G