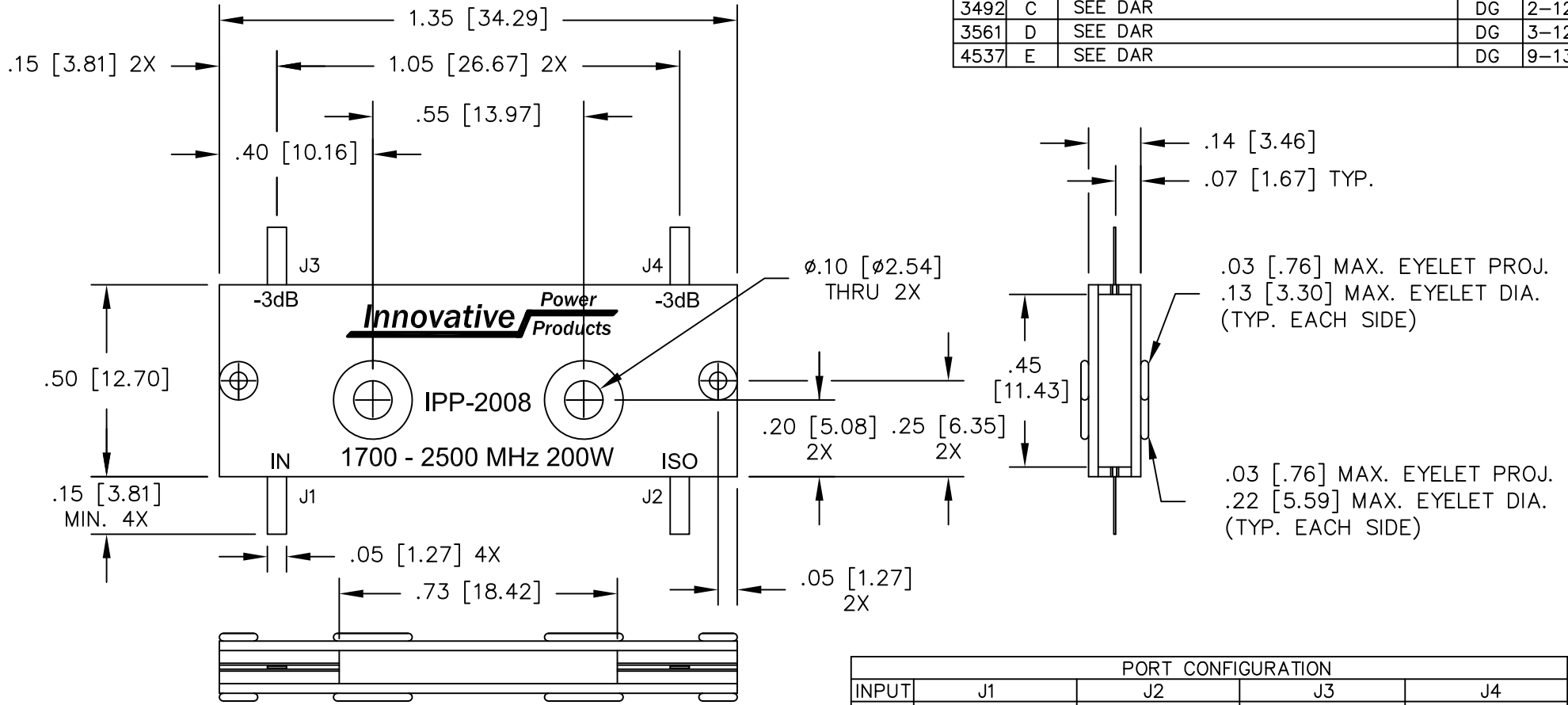


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1046	A	INITIAL RELEASE	TJD	12/05
1453	B	REVISED SPECIFICATIONS	DG	5-08
3492	C	SEE DAR	DG	2-12
3561	D	SEE DAR	DG	3-12
4537	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-1000. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.
- FREQUENCY: 1700 - 2500 MHz.  
 INSERTION LOSS: < 0.25 dB  
 VSWR: < 1.25:1  
 ISOLATION: > 19 dB  
 AMPLITUDE BALANCE: ±0.40 dB  
 PHASE BALANCE: ±5°  
 POWER: 200 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	12/05	<b>Innovative Power Products</b>		
	ENG	TJD	DATE	12/05			
FINISH CHEM FILM, CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT)	MANUF	TP	DATE	12/05	TITLE OUTLINE, COUP., 90°, 1700 - 2500 MHz, 200W		
	CAGE CODE: 437R2						
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.005 [.127] ANG. ±1/2°	SHEET OF		SCALE		SIZE	P/N	REV.
	1 1		4:1		B	IPP-2008	E