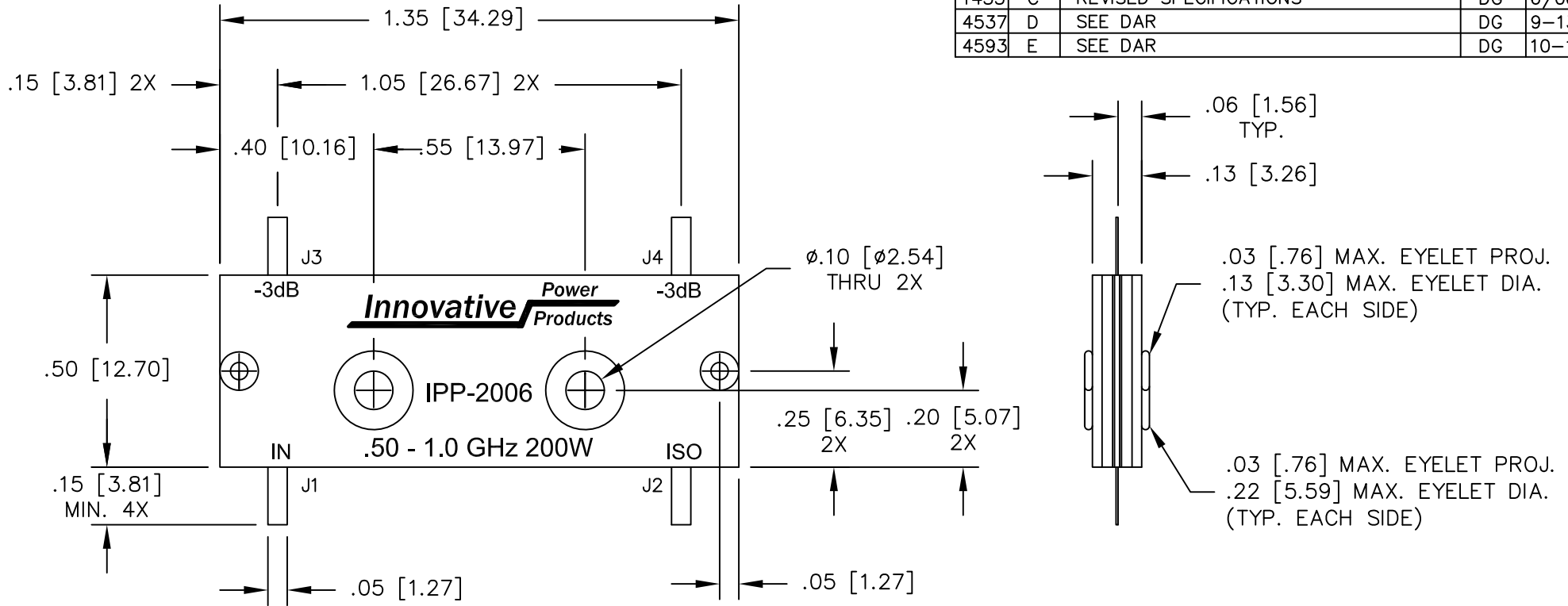


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1029	A	INITIAL RELEASE	TJD	11/05
1045	B	ADD [mm] DIMENSIONS	TJD	12/05
1453	C	REVISED SPECIFICATIONS	DG	6/08
4537	D	SEE DAR	DG	9-13
4593	E	SEE DAR	DG	10-13



**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	.50 - 1.0 GHz.
INSERTION LOSS:	< 0.25 dB
VSWR:	< 1.20:1
ISOLATION:	> 20 dB
AMPLITUDE BALANCE:	±0.50 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	---

**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.

MATERIAL	DWN DG	DATE 11/05	<b>Innovative Power Products</b>			
AL. ALLOY, 6061-T6	ENG TJD	DATE 11/05				
FINISH	MANUF TP	DATE 11/05	TITLE			
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT			OUTLINE, COUP., 90°, .50 - 1.0 GHz. 200W			
TOLERANCE	CAGE CODE: 437R2		SIZE	P/N	IPP-2006	REV. E
.xx ±.02 [.50] IN [MM] .xxx ±.005 [.127] ANG. ±1/2°	SHEET 1	OF 1	SCALE 4:1			