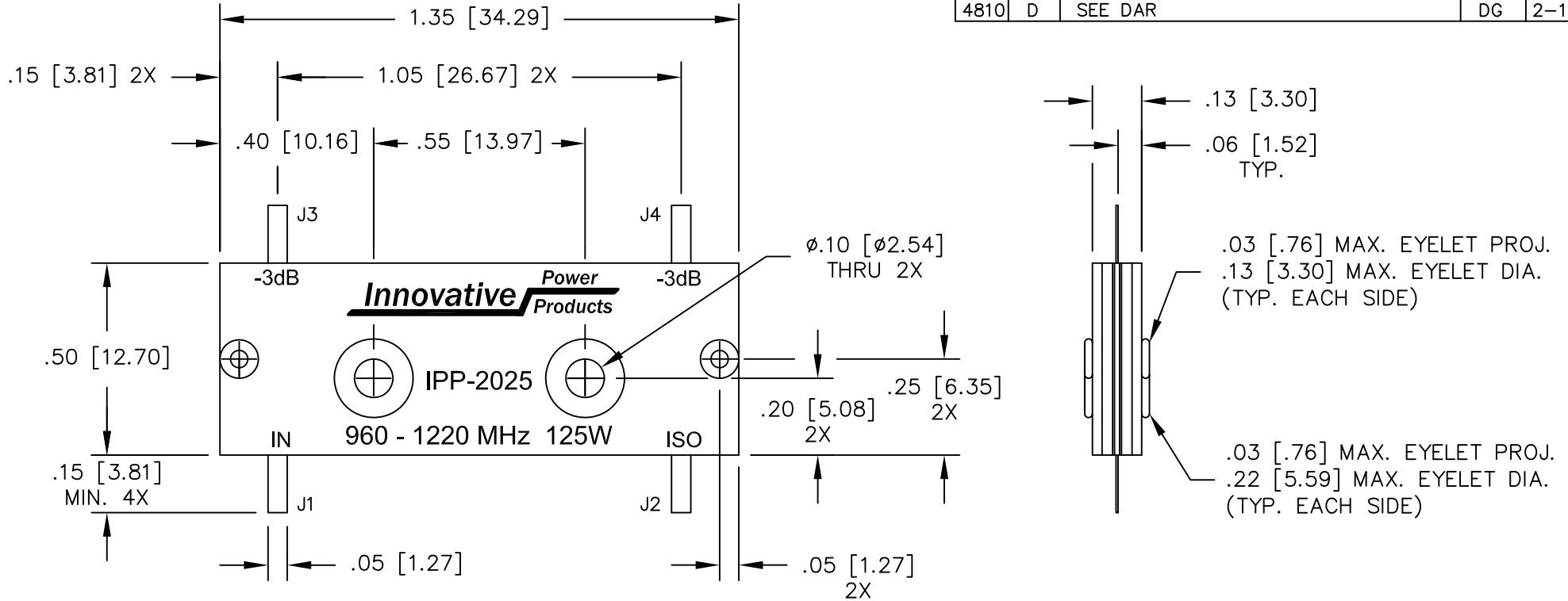


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1064	A	INITIAL RELEASE	TJD	2-06
1453	B	REVISE SPECIFICATIONS	DG	6-08
1485	C	REVISE WATTAGE	DG	7-08
4810	D	SEE DAR	DG	2-14



ELECTRICAL SPECIFICATIONS

FREQUENCY:	960 - 1220 MHz.
INSERTION LOSS:	< 0.25 dB
VSWR:	< 1.20:1
ISOLATION:	> 20 dB
AMPLITUDE BALANCE:	±0.40 dB
PHASE BALANCE:	±5°
POWER:	125 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-1000. 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	2/06	Innovative Power Products		
AL. ALLOY, 6061-T6	ENG	TJD	DATE	2/06			
FINISH	MANUF	TP	DATE	2/06	TITLE		
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	CAGE CODE: 437R2			OUTLINE, COUP., 90°, 960 - 1220 MHz. 125W			
TOLERANCE	SHEET	OF	SCALE	4:1	SIZE	P/N	REV.
.xx ±.02 [.50] .xxx ±.005 [.127] ANG. ±1/2°	1	1			B	IPP-2025	D