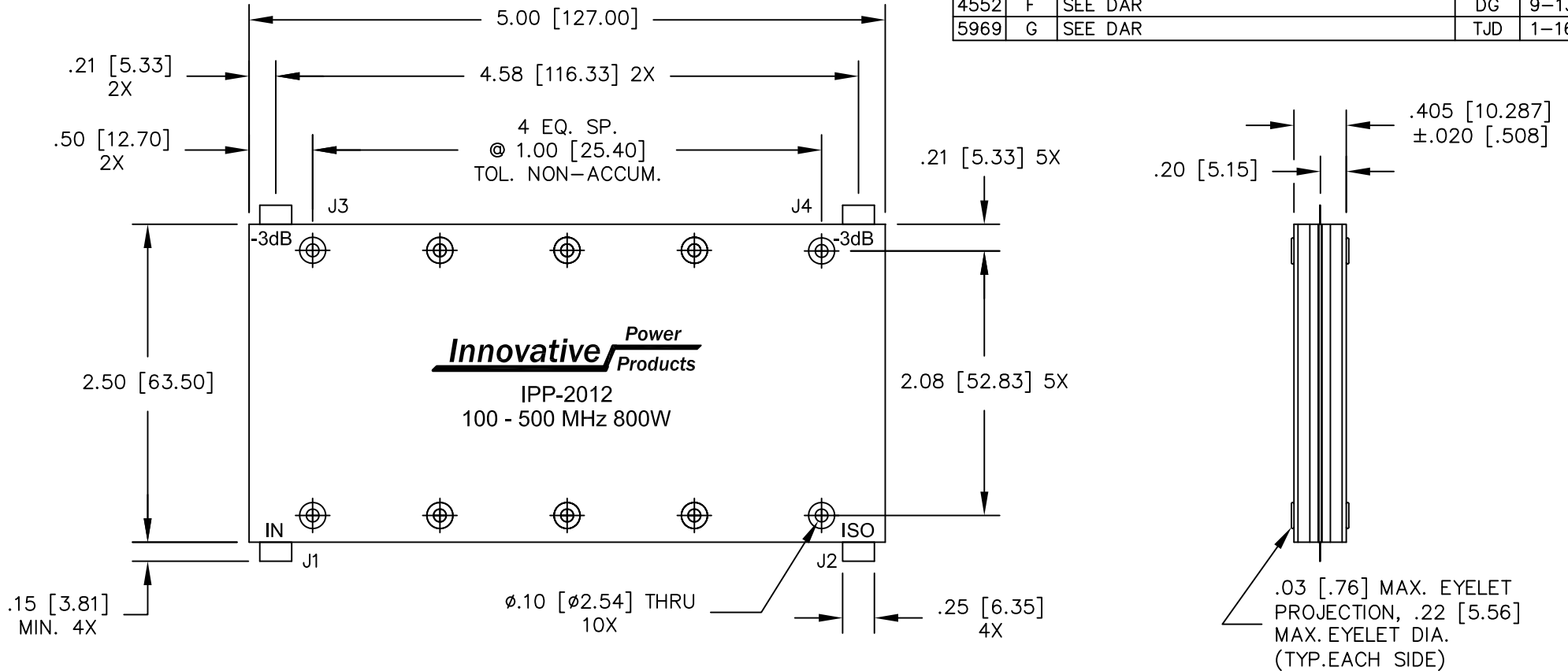


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1747	E	SEE DAR	DG	2-09
4552	F	SEE DAR	DG	9-13
5969	G	SEE DAR	TJD	1-16



**Innovative Power Products**  
IPP-2012  
100 - 500 MHz 800W

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	---

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 100 - 500 MHz.  
 INSERTION LOSS: < 0.35 dB  
 VSWR: < 1.30:1  
 ISOLATION: > 16 dB  
 AMPLITUDE BALANCE: ±0.8 dB  
 PHASE BALANCE: ±5°  
 POWER: 800 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-1011. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

MATERIAL	DWN	DG	DATE	12/05	<b>Innovative Power Products</b>	
AL. ALLOY, 6061-T6	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		
TOLERANCE	CAGE CODE: 437R2					
.xx ±.02 [.50]	SHEET	OF	SCALE		TITLE	
IN [MM] .xxx ±.005 [.127]	1	1	1.33:1		OUTLINE, COUP., 90°, 100 - 500 MHz. 800W	
ANG. ±1/2°					SIZE	P/N
					B	IPP-2012
						REV.
						G