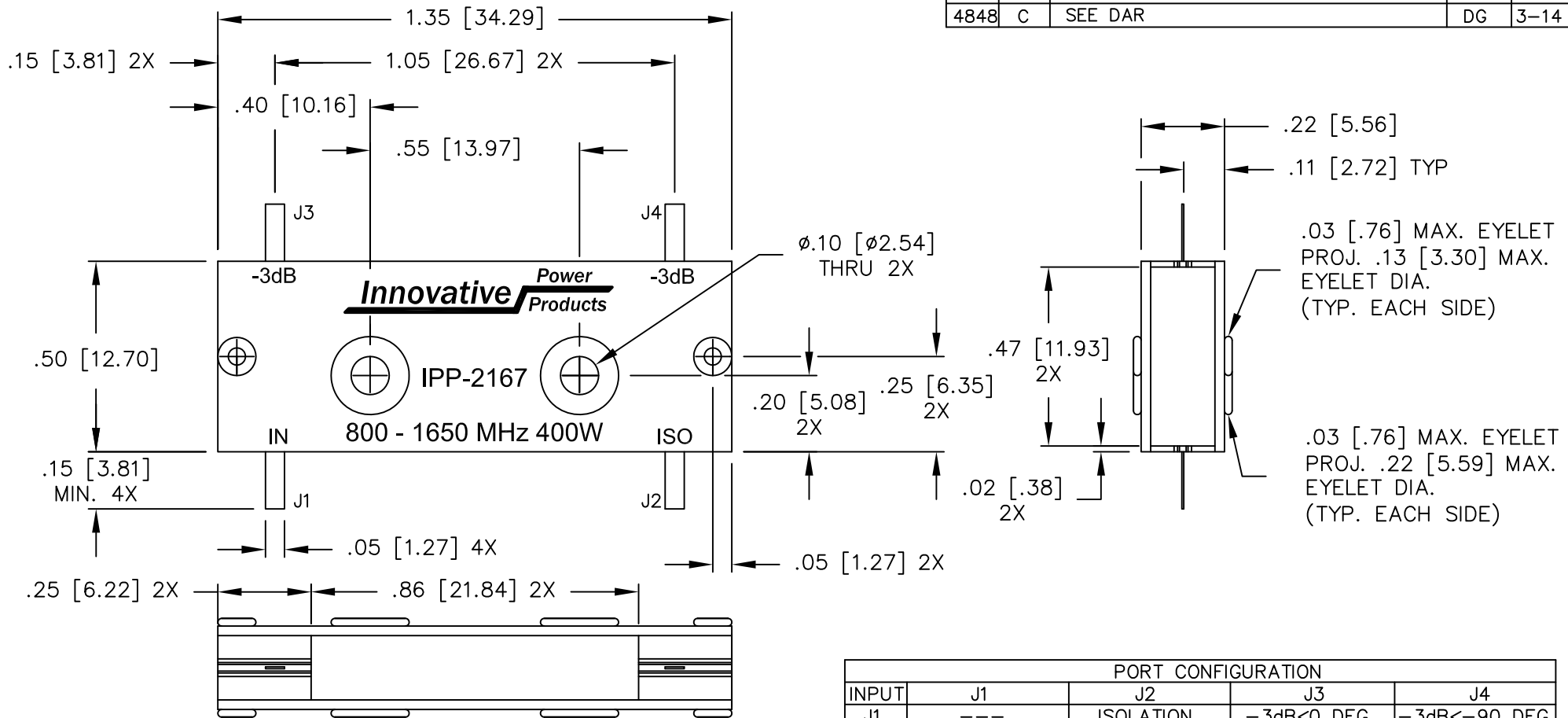


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1851	A	INITIAL RELEASE	DG	5-09
3761	B	SEE DAR	DG	7-12
4848	C	SEE DAR	DG	3-14



**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-1007. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.
- FREQUENCY:** 800-1650 MHz.  
**INSERTION LOSS:** < 0.20 dB  
**VSWR:** < 1.30:1  
**ISOLATION:** > 18 dB  
**AMPLITUDE BALANCE:** ±0.60 dB  
**PHASE BALANCE:** ±5°  
**POWER:** 400 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 S.Cornell	DATE 4-15-09	<b>Innovative Power Products</b>		
	ENG TJD	DATE 4-15-09			
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF RR	DATE 4-15-09	TITLE OUTLINE, COUP., 90°, 800 - 1650 MHz. 400W		
	CAGE CODE: 437R2		SIZE B	P/N IPP-2167	REV. C
TOLERANCE .XX ±.02 [.50] .XXX ±.005 [.127] ANG. ±1/2°	SHEET 1 OF 1	SCALE 4:1			