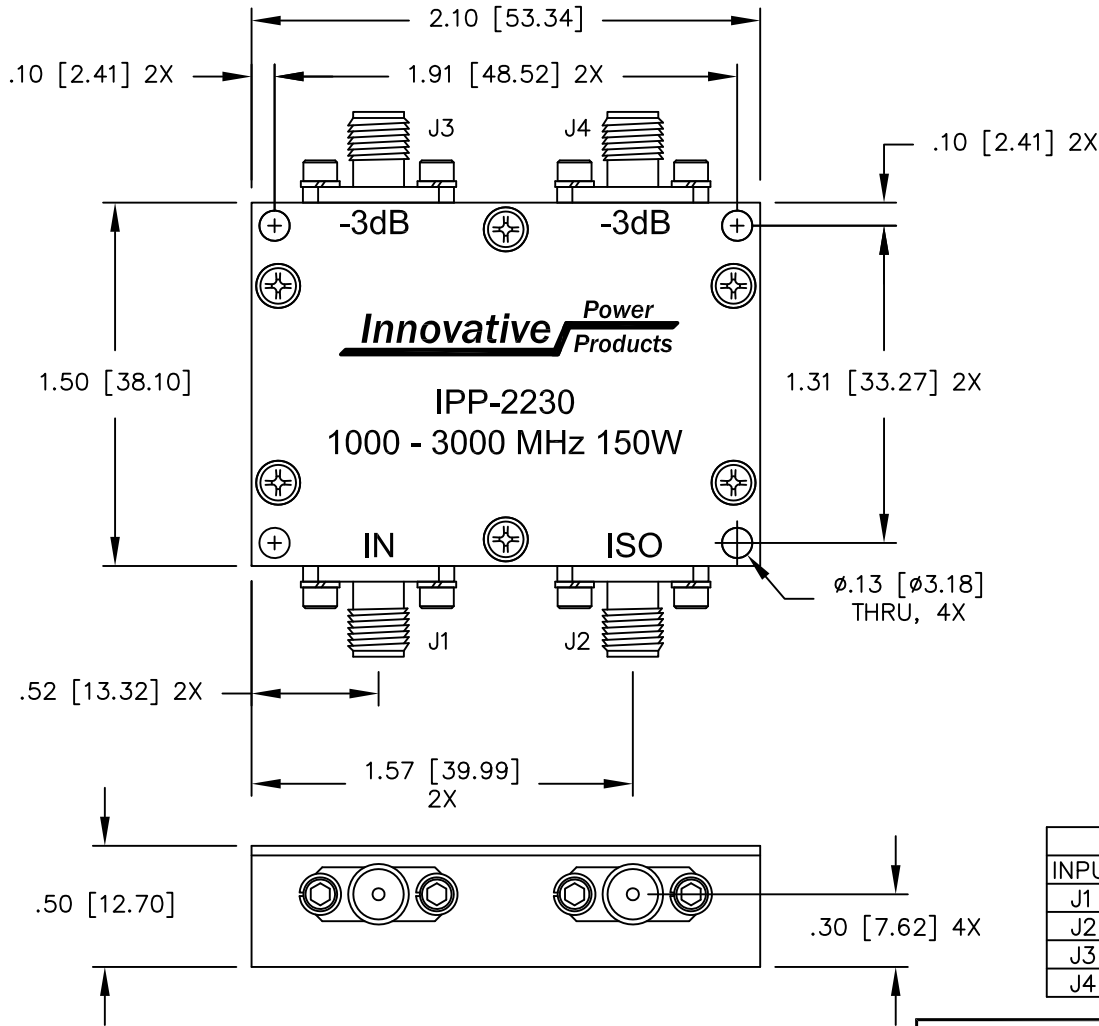


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2580	A	INITIAL RELEASE	DG	7-10
4666	B	SEE DAR	DG	11-13
6024	C	SEE DAR	DG	2-16



**NOTES**

- CONNECTORS: TYPE "SMA" FEMALE.
- SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
- RoHS COMPLIANT.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	1000 - 3000 MHz.
INSERTION LOSS:	< 0.5 dB
VSWR:	< 1.30:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±1.1 dB
PHASE BALANCE:	±5°
POWER:	150 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-T651	DWN S.Cornell	DATE 4-27-10	<b>Innovative Power Products</b>		
	ENG DG	DATE 7-10			
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F CLASS 3 ROHS COMPLIANT	MANUF	DATE	TITLE OUTLINE, COUP., 90°, 1000 - 3000 MHz 150W		
	CAGE CODE: 437R2		SIZE B	P/N	IPP-2230
TOLERANCE .XX ±.02 .XXX ±.010 ANG. ±1/2°	SHEET OF 1 1	SCALE 2:1			