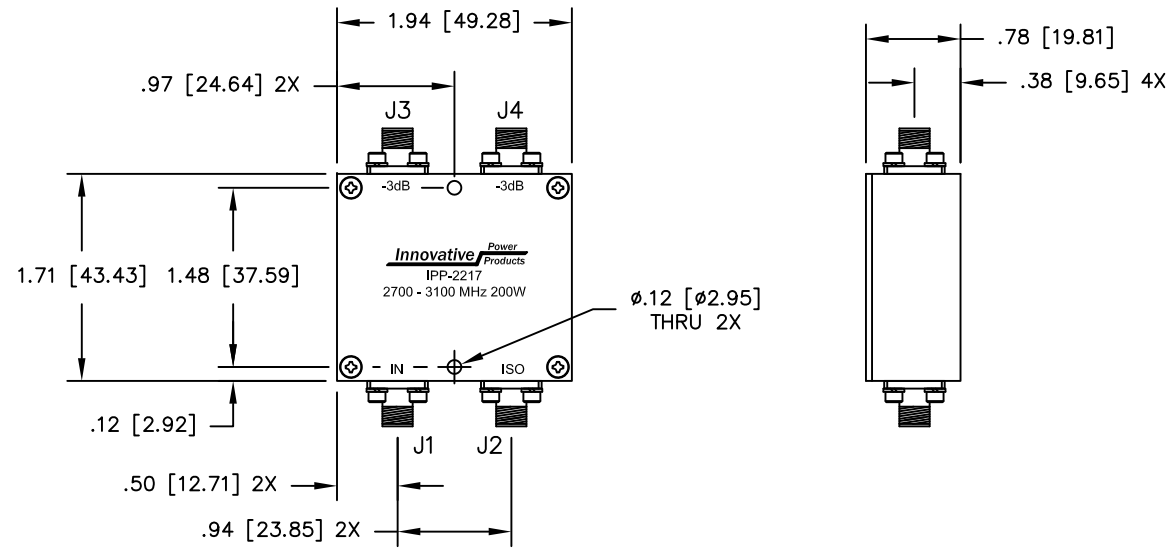


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4666	B	SEE DAR	DG	11-13
5141	C	SEE DAR	DG	9-14
8148	D	SEE DAR	DG	5-20



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

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	2700 - 3100 MHz.
INSERTION LOSS:	< 0.45 dB
VSWR ALL PORTS J1-J4:	< 1.30:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±0.30 dB
PHASE BALANCE:	±5°
POWER:	200 WATT
TEMPERATURE:	-55°C TO 85°C

MATERIAL AL. ALLOY, 6061-T651	DWN S.Cornell	DATE 4-14-10				
	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°, 2700 - 3100 MHz. 200W			
	CAGE CODE: 437R2					
TOLERANCE IN [MM]	.XX ±.02 [.50] .XXX ±.005 [.127] ANG. ±1/2°	SHEET OF 1 1	SCALE 1:1	SIZE B	P/N IPP-2217	REV. D