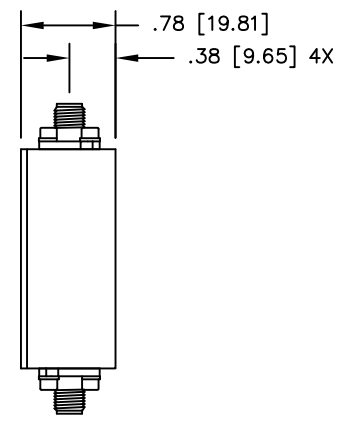
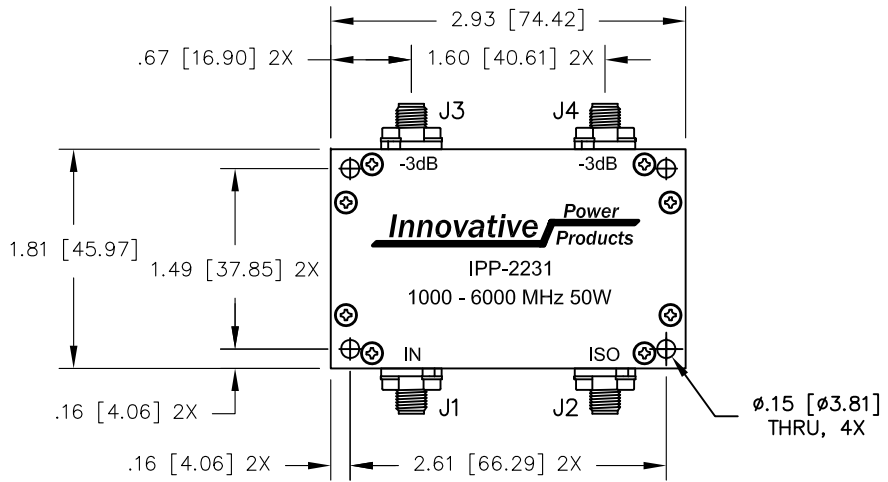


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2742	A	INITIAL RELEASE	DG	10-10
4666	B	SEE DAR	DG	11-13



NOTES

1. SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
2. CONNECTORS: TYPE "SMA" FEMALE.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	1000 - 6000 MHz.
INSERTION LOSS:	<0.90 dB
VSWR:	<1.40:1
ISOLATION:	>15dB
AMPLITUDE BALANCE:	±0.80dB
PHASE BALANCE:	±5°
POWER:	50 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			
	ENG DG	DATE 7-10			
FINISH ELECTRODEPOSITED NICKEL PER QQ-N-290, .0003 MIN.SEMI-BRIGHT	MANUF	DATE	TITLE OUTLINE, COUP., 90°, 1000 - 6000 MHz. 50W		
	CAGE CODE: 437R2		SIZE B	P/N	IPP-2231
TOLERANCE .xx ±.02 [.50] IN [MM] .xxx ±.005 [.127] ANG. ±1/2°	SHEET 1 OF 1	SCALE 1:1			