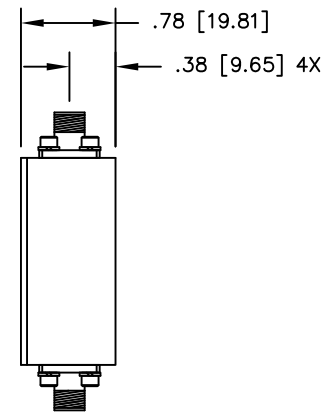
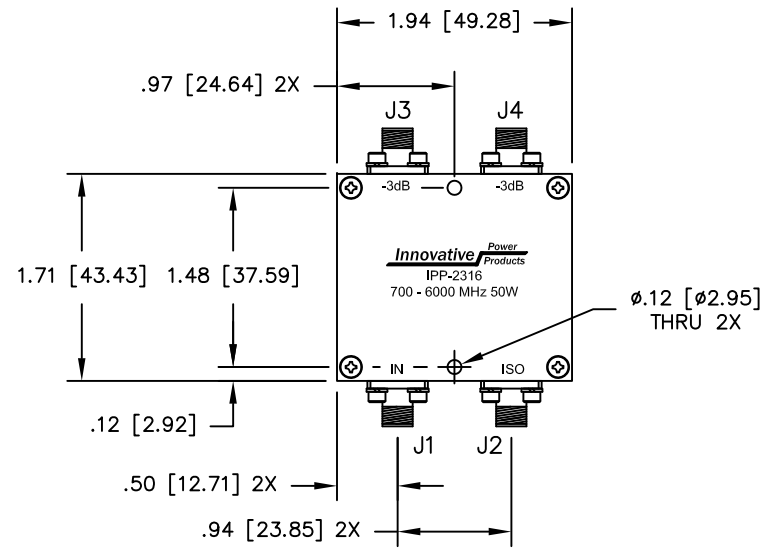


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4989	A	INITIAL RELEASE	DG	6-14
7034	B	SEE DAR	DG	1-18



NOTES

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

ELECTRICAL SPECIFICATIONS

FREQUENCY:	700 – 6000 MHz.
INSERTION LOSS:	< 1.0 dB
VSWR:	< 1.35:1
ISOLATION:	> 15 dB
AMPLITUDE BALANCE:	±0.90 dB (±1.1 dB 700–715 MHz)
PHASE BALANCE:	±7°
POWER:	50 WATT
TEMPERATURE:	-55°C TO 85°C

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	-3dB<-90 DEG	-3dB<0 DEG
J2	ISOLATION	---	-3dB<0 DEG	-3dB<-90 DEG
J3	-3dB<-90 DEG	-3dB<0 DEG	---	ISOLATION
J4	-3dB<0 DEG	-3dB<-90 DEG	ISOLATION	---

MATERIAL AL. ALLOY, 6061-T651	DWN S.Cornell	DATE 5-7-14				
	ENG DG	DATE 5-14				
FINISH ELECTRODEPOSITED NICKEL PER QQ-N-290, .0003 MIN. SEMI-BRIGHT	MANUF	DATE	TITLE OUTLINE, COUP., 90°, 700 - 6000 MHz. 50W			
	CAGE CODE: 437R2					
TOLERANCE IN [MM]	.XX ±.02 [.50]	SHEET OF 1 1	SCALE 1:1	SIZE	P/N	REV. B
	.XXX ±.005 [.127] ANG. ±1/2°			B	IPP-2316	