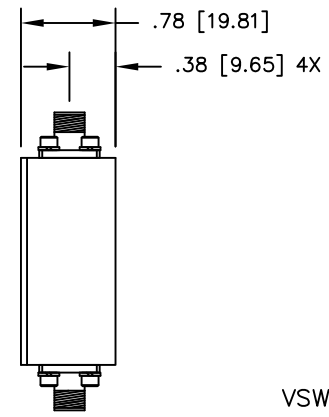
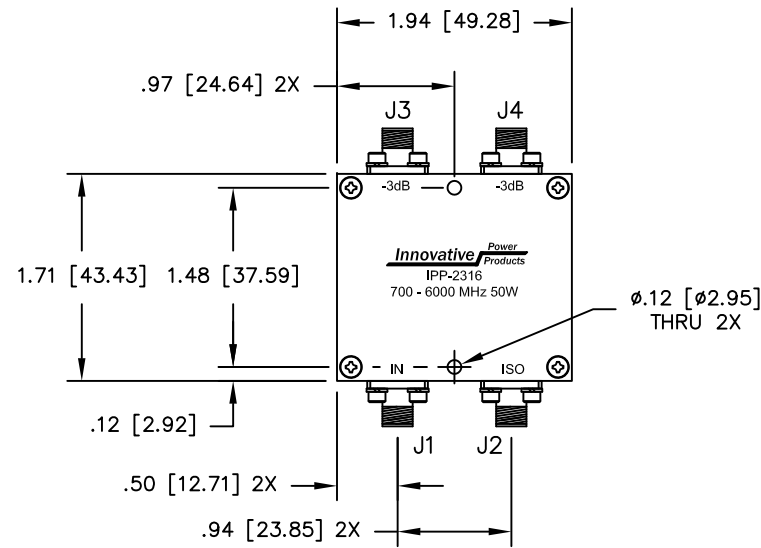


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4989	A	INITIAL RELEASE	DG	6-14
7034	B	SEE DAR	DG	1-18
8148	C	SEE DAR	DG	5-20



NOTES

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

ELECTRICAL SPECIFICATIONS

FREQUENCY: 700 - 6000 MHz.
 INSERTION LOSS: < 1.0 dB
 VSWR ALL PORTS J1-J4: < 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 B	P/N	IPP-2316	REV. C
	.XXX ±.005 [.127] ANG. ±1/2°						