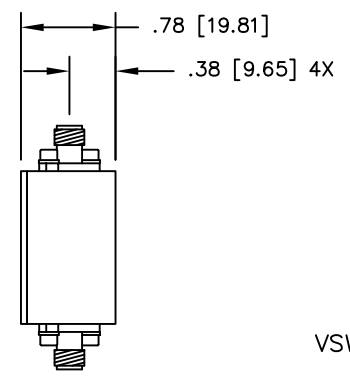
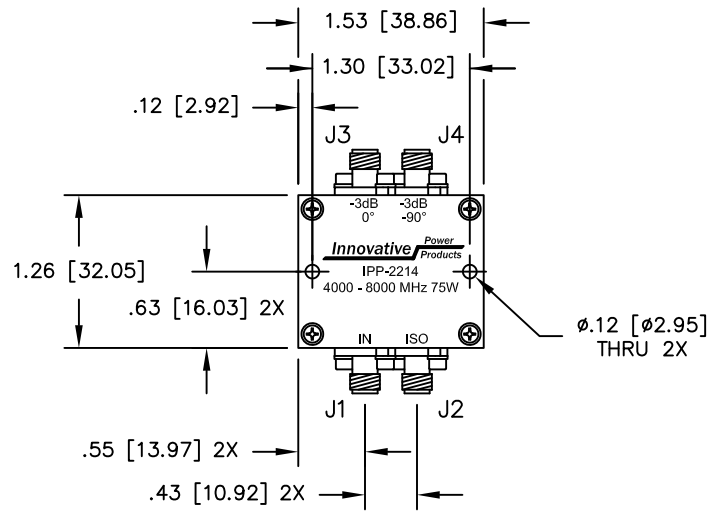


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4663	B	SEE DAR	DG	11-13
5138	C	SEE DAR	DG	8-14
8148	D	SEE DAR	DG	5-20



NOTES

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

ELECTRICAL SPECIFICATIONS

FREQUENCY:	4000 - 8000 MHz.
INSERTION LOSS:	<0.60 dB
VSWR ALL PORTS J1-J4:	<1.30:1
ISOLATION:	>17dB
AMPLITUDE BALANCE:	±0.60dB
PHASE BALANCE:	±6°
POWER:	75 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 4-5-10				
	ENG DG	DATE 4-10				
FINISH ELECTRODEPOSITED NICKEL PER QQ-N-290, .0003 MIN. SEMI-BRIGHT	MANUF	DATE	TITLE OUTLINE, COUP., 90°, 4000 - 8000 MHz. 75W			
	CAGE CODE: 437R2					
TOLERANCE .XX ±.02 [.50] IN [MM] .XXX ±.005 [.127] ANG. ±1/2°	SHEET 1	OF 1	SCALE 1:1	SIZE B	P/N IPP-2214	REV. D