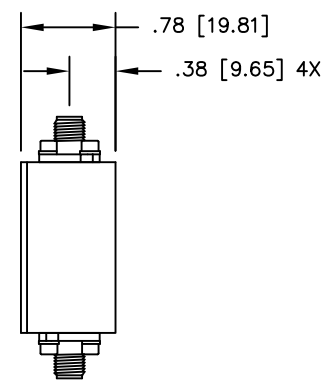
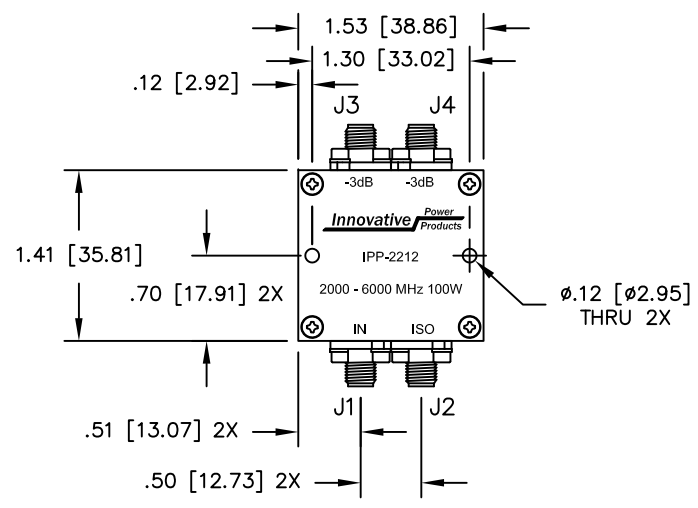


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3217	A	INITIAL RELEASE	DG	8-11
4663	B	SEE DAR	DG	10-13
8148	C	SEE DAR	DG	5-20



**NOTES**

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

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	2000 - 6000 MHz.
INSERTION LOSS:	<0.60 dB
VSWR ALL PORTS J1-J4:	<1.30:1
ISOLATION:	>18dB
AMPLITUDE BALANCE:	±1.0dB
PHASE BALANCE:	±5°
POWER:	100 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°, 2000 - 6000 MHz. 100W		
	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-2212	REV. C