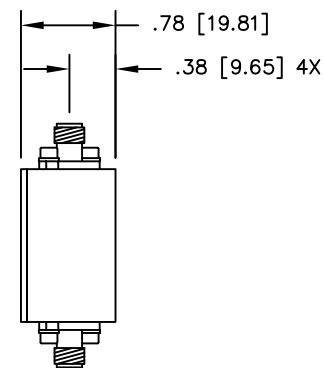
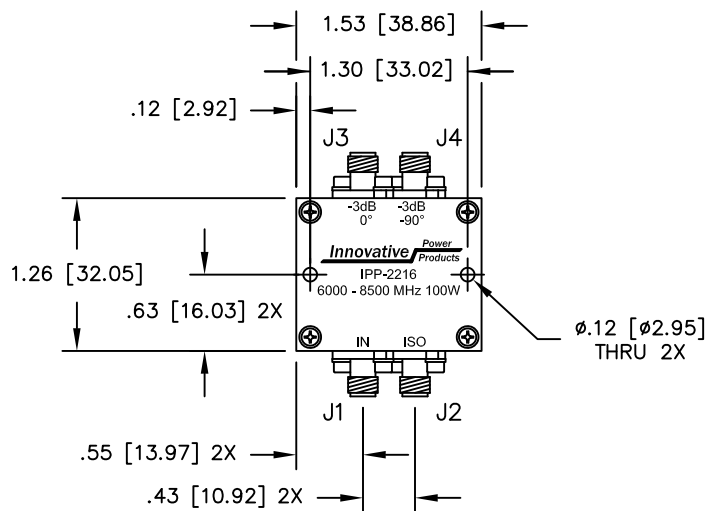


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5138	A	INITIAL RELEASE	DG	8-14
5677	B	SEE DAR	DG	7-15
8129	C	SEE DAR	TJD	2-20



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

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 6000 – 8500 MHz.  
 INSERTION LOSS: <0.4 dB  
 VSWR ALL PORTS J1–J4: <1.30:1  
 ISOLATION: >17dB  
 AMPLITUDE BALANCE: ±.35dB  
 PHASE BALANCE: ±6°  
 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 4-14-10			
	ENG DG	DATE 7-10			
FINISH ELECTRODEPOSITED NICKEL PER QQ-N-290, .0003 MIN. SEMI-BRIGHT	MANUF	DATE	TITLE OUTLINE, COUP., 90°, 6000 - 8500 MHz. 100W		
	CAGE CODE: 437R2		SIZE B	P/N	IPP-2216
TOLERANCE .XX ±.02 [.50] IN [MM] .XXX ±.005 [.127] ANG. ±1/2°	SHEET 1 OF 1	SCALE 1:1	REV. C		