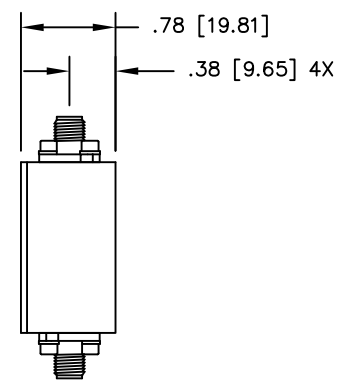
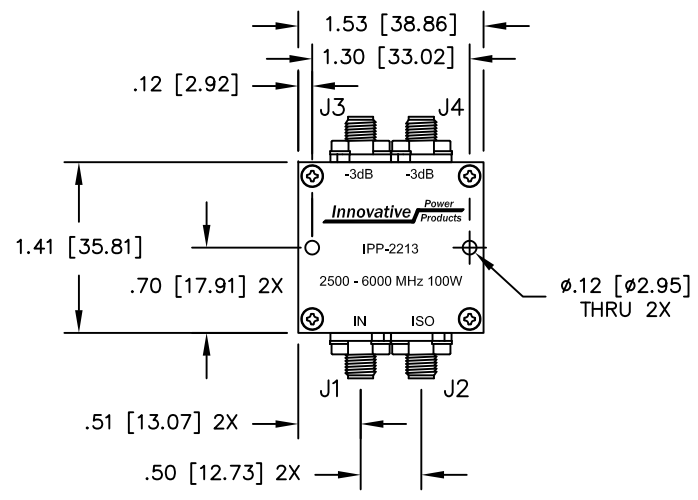


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5386	A	INITIAL RELEASE	TJD	2-15
8148	B	SEE DAR	DG	5-20



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

ELECTRICAL SPECIFICATIONS

FREQUENCY:	2500 – 6000 MHz.
INSERTION LOSS:	<0.60 dB
VSWR ALL PORTS J1–J4:	<1.30:1
ISOLATION:	>18dB
AMPLITUDE BALANCE:	±.75dB
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°, 2500 - 6000 MHz. 100W		
	CAGE CODE: 437R2			SIZE	P/N
TOLERANCE .XX ±.02 [.50] IN [MM] .XXX ±.005 [.127] ANG. ±1/2°	SHEET 1 OF 1	SCALE 1:1	B	IPP-2213	B