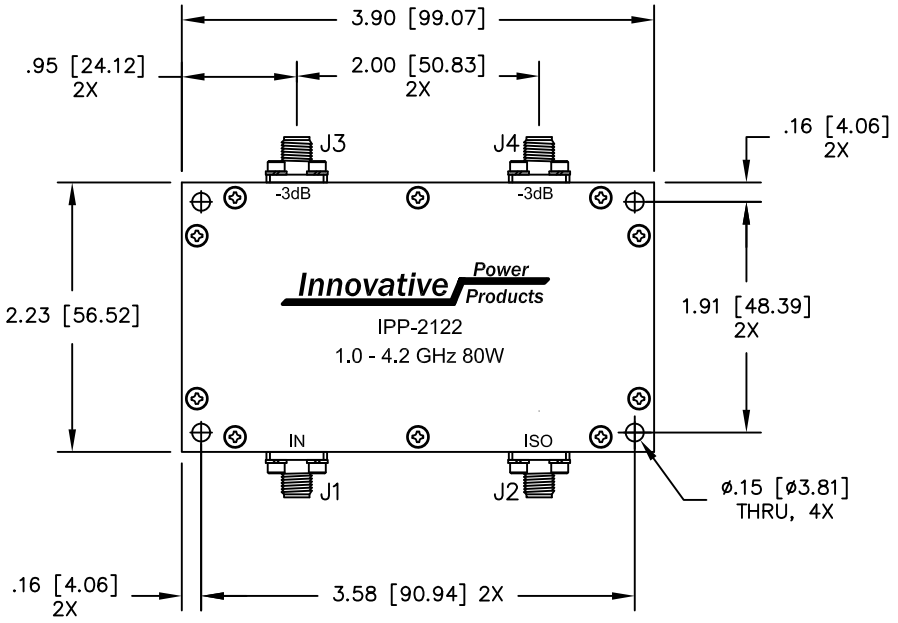
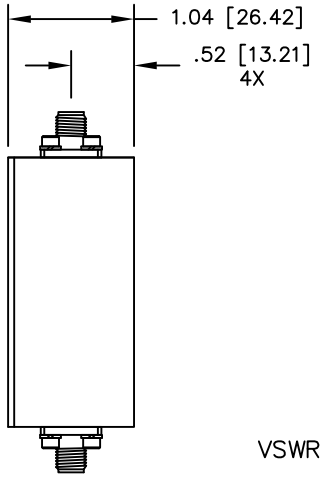
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1695	A	INITIAL RELEASE	DG	1–09
4661	B	SEE DAR	DG	10–13
8148	C	SEE DAR	DG	5–20





NOTES

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

ELECTRICAL SPECIFICATIONS

FREQUENCY:	1.0–4.2 GHz.
INSERTION LOSS:	< 0.60 dB
VSWR ALL PORTS J1–J4:	< 1.30:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±0.50 dB
PHASE BALANCE:	±5°
POWER:	80 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-T6	DWN S.Cornell	DATE 7-22-08	Innovative Power Products
FINISH: CHEM FILM, CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT)	ENG TJD	DATE 7-22-08	TITLE: OUTLINE, COUP., 90°, 1.0 - 4.2 GHz. 80W
TOLERANCE IN [MM]: .XX ±.02 [.50], .XXX ±.005 [.127], ANG. ±1/2°	MANUF TP	DATE 7-22-08	
	CAGE CODE: 437R2		
	SHEET 1 OF 1	SCALE 1:1	SIZE B / P/N IPP-2122 / REV. C