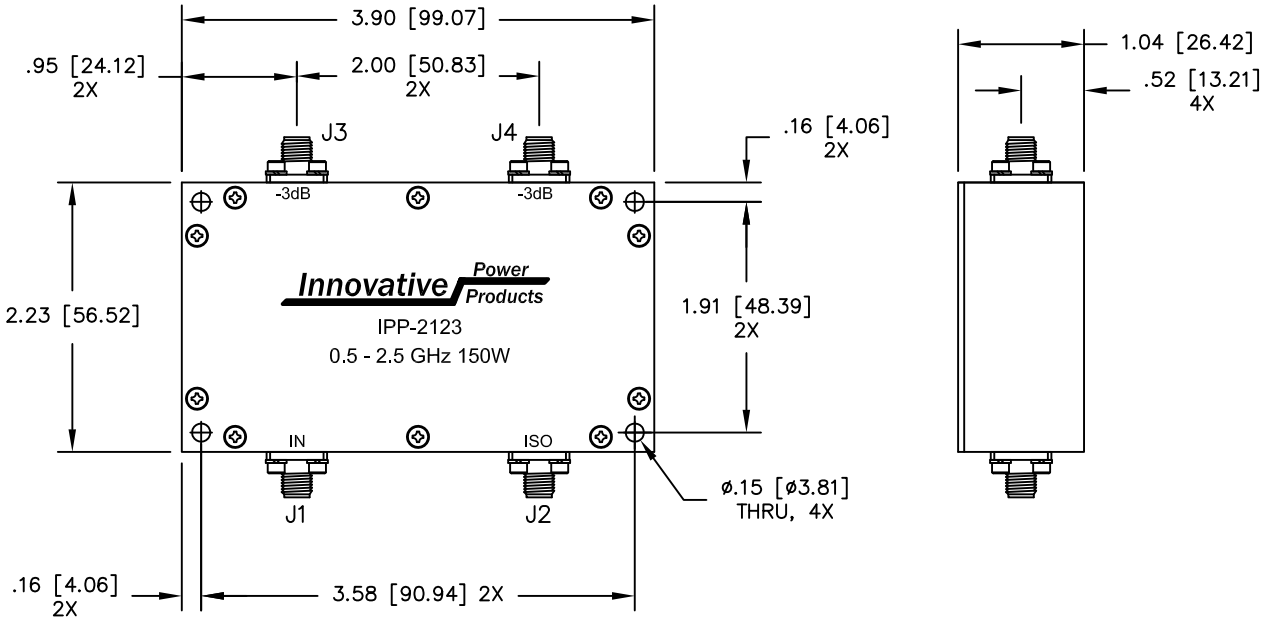
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1695	A	INITIAL RELEASE	DG	1–09
4806	B	SEE DAR	DG	2–14



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	---

NOTES

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

ELECTRICAL SPECIFICATIONS

FREQUENCY:	0.5–2.5 GHz.
INSERTION LOSS:	< 0.60 dB
VSWR:	< 1.30:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±0.65 dB
PHASE BALANCE:	±5°
POWER:	150 WATT
TEMPERATURE:	−55°C TO 85°C

MATERIAL: AL. ALLOY, 6061-T6

FINISH: CHEM FILM, CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT)

TOLERANCE IN [MM]: .XX ±.02 [.50], .XXX ±.005 [.127], ANG. ±1/2°

DWN	DG	DATE	7-08
ENG	TJD	DATE	7-08
MANUF	TP	DATE	7-08

CAGE CODE: 437R2

SHEET 1 OF 1 | SCALE 1:1

Innovative Power Products

TITLE: OUTLINE, COUP., 90°, 0.5 - 2.5 GHz. 150W

SIZE B | P/N IPP-2123 | REV. B