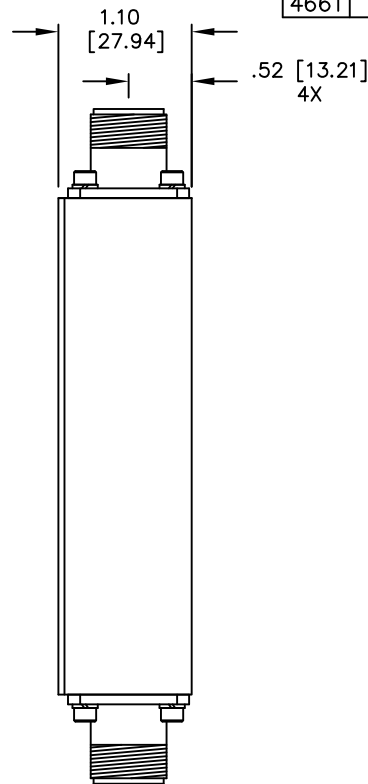
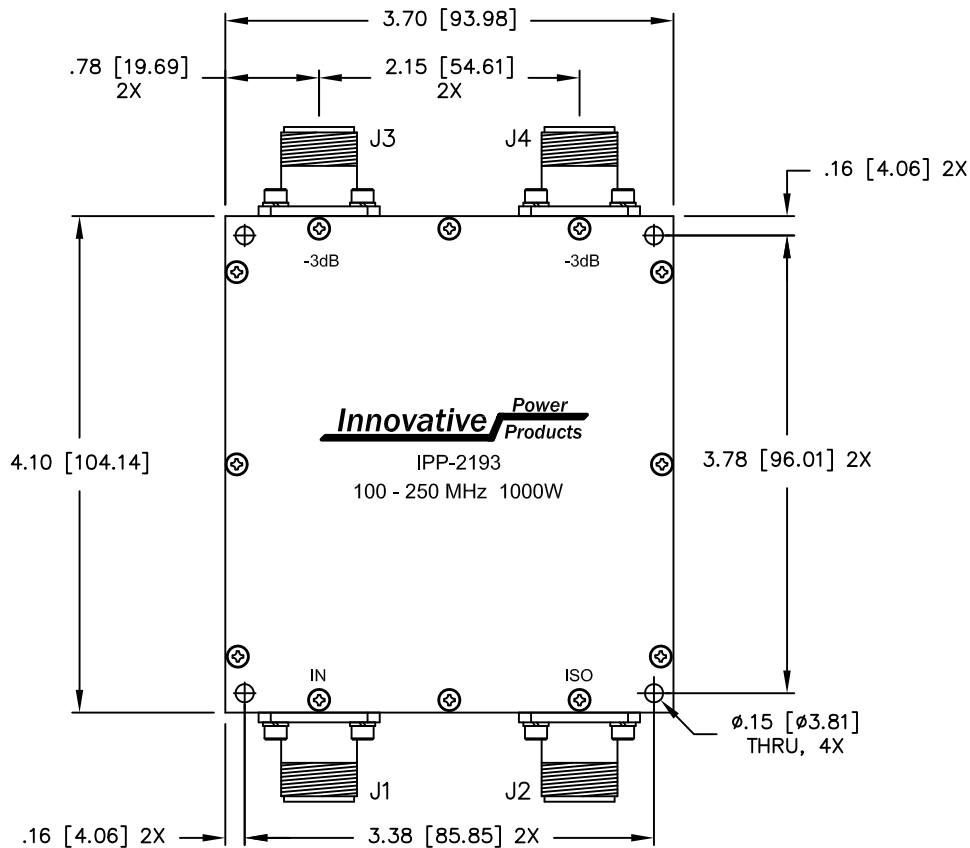


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2580	A	INITIAL RELEASE	DG	7-10
2611	B	SEE DAR	DG	7-10
4661	C	SEE DAR	DG	11-13



Innovative Power Products
IPP-2193
100 - 250 MHz 1000W

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

- SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
- RoHS COMPLIANT.
- CONNECTORS: J1 - J4 ARE TYPE "N" FEMALE.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 100-250 MHz.
 INSERTION LOSS: < 0.30 dB
 VSWR: < 1.25:1
 ISOLATION: > 18 dB
 AMPLITUDE BALANCE: ±0.85 dB
 PHASE BALANCE: ±5°
 POWER: 1000 WATT
 TEMPERATURE: -55°C TO 85°C

MATERIAL AL. ALLOY, 6061-T651	DWN S.Cornell	DATE 12-7-09	Innovative Power Products	
	ENG DG	DATE 12-09		
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF	DATE	TITLE OUTLINE, COUP., 90°, 100 - 250 MHz, 1000W	
	CAGE CODE: 437R2		SIZE B	P/N IPP-2193
TOLERANCE .xx ±.02 [.50] IN [MM] .xxx ±.005 [.127] ANG. ±1/2°	SHEET OF 1 1	SCALE 1:1		