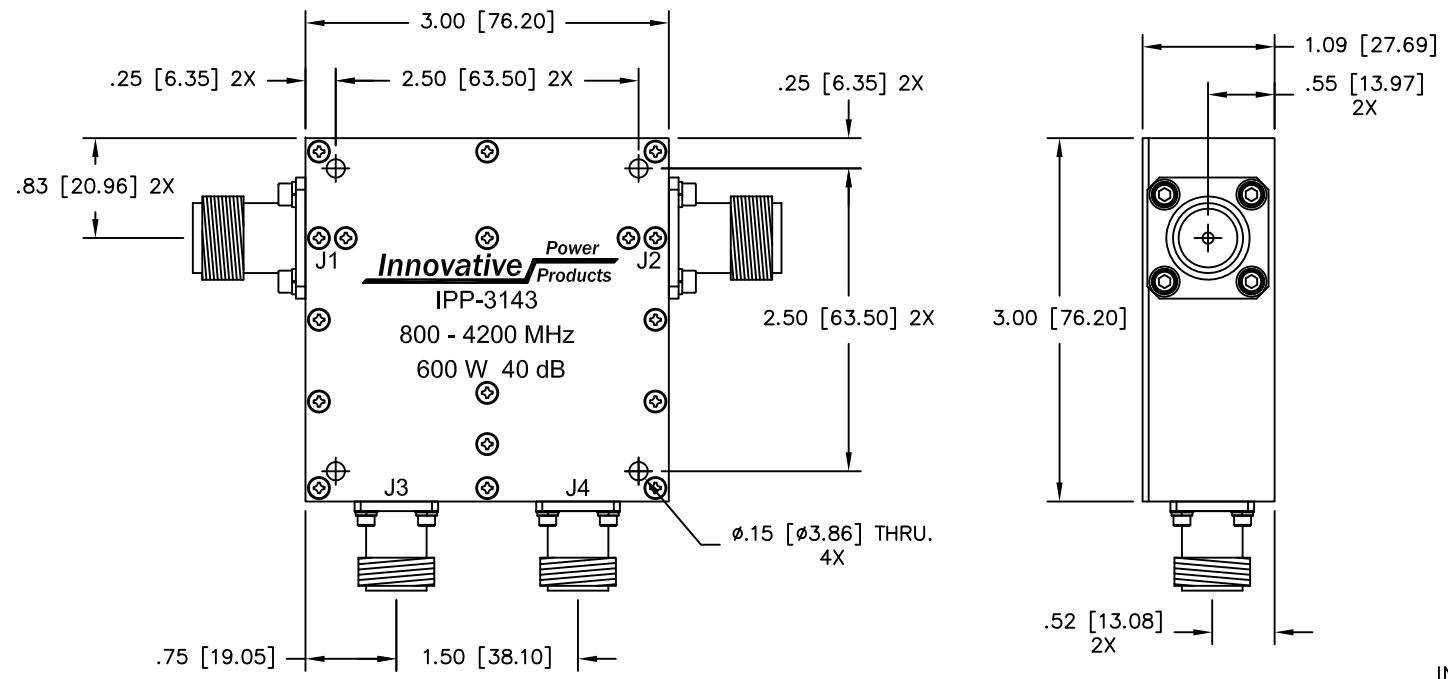


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3016	A	INITIAL RELEASE	DG	3-11
4245	B	SEE DAR	DG	4-13
4492	C	SEE DAR	DG	8-13
5428	D	SEE DAR	DG	2-15
5723	E	SEE DAR	TJD	8-15



NOTES

- CONNECTORS J1 & 2:
TYPE SC-F
- CONNECTORS J3 & 4:
TYPE N-F
- RoHS COMPLIANT.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	800 - 4200 MHz.
INSERTION LOSS:	<0.3dB
MAIN LINE VSWR:	<1.30:1
COUPLING:	40.0 ±1.0dB
DIRECTIVITY:	>18dB
COUPLED FLATNESS:	±0.70dB
POWER:	600 WATT
TEMPERATURE:	-55°C TO 85°C

INPUT	OUTPUT	FORWARD COUPLING	REFLECTED COUPLING
J1	J2	J3	J4
J2	J1	J4	J3

MATERIAL AL. ALLOY 6061-T651	DWN S.Cornell	DATE 1-27-11	Innovative Power Products		
	ENG DG	DATE 1-11			
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF	DATE	TITLE OUTLINE, DUAL DIRECTIONAL COUPLER, 800 - 4200 MHz., 40dB, 600W		
	CAGE CODE: 437R2		SIZE B	P/N IPP-3143	REV. E
TOLERANCE IN [MM]	.XXX ±.005 .XX ±.02 ANG. ±1/2°	SHEET OF 1 1	SCALE 1:1		