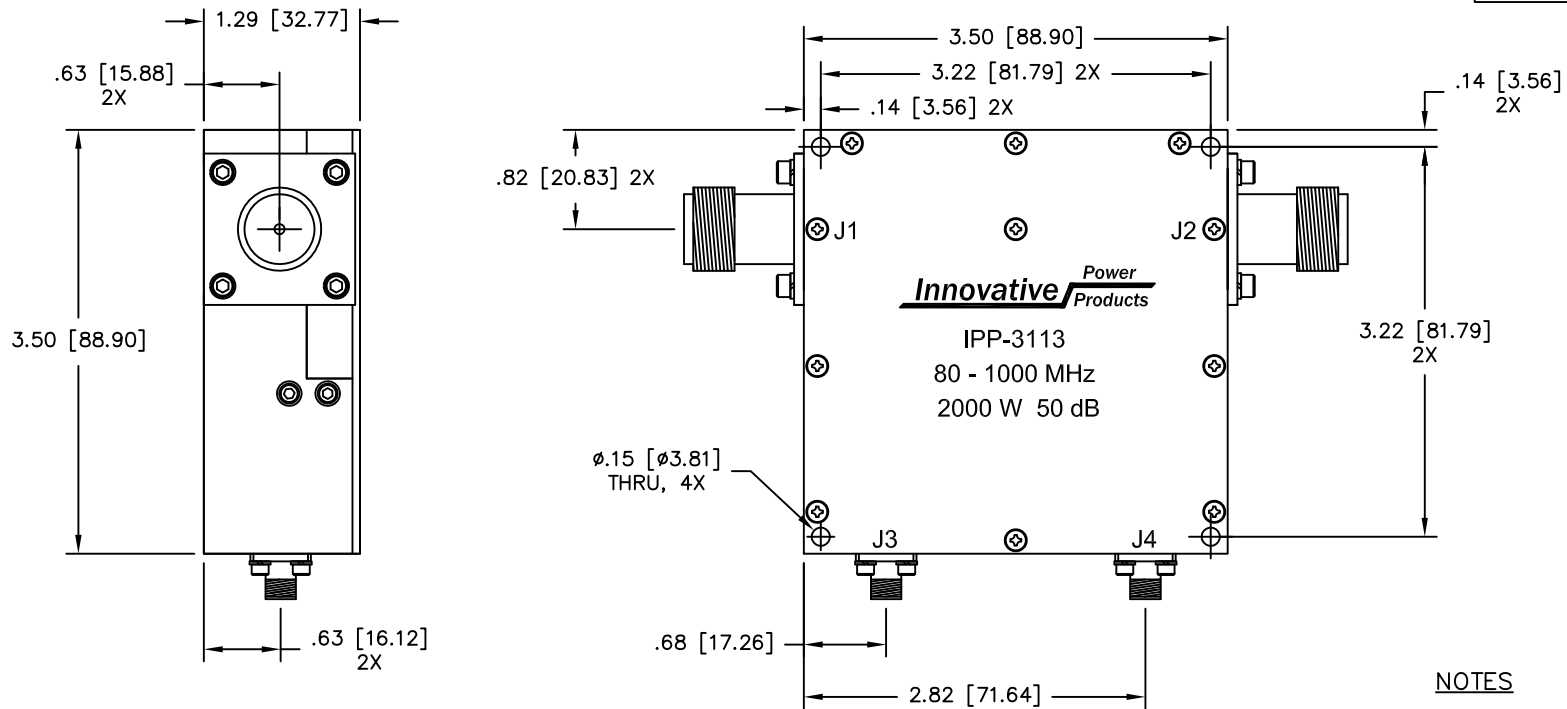


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2229	1	PRE-RELEASE	TJD	1-10

PRELIMINARY

DIMENSIONS AND SPECIFICATIONS
ARE SUBJECT TO CHANGE UNTIL
INITIAL RELEASE OF DRAWING.



ELECTRICAL SPECIFICATIONS

FREQUENCY: 80 – 1000 MHz.
 INSERTION LOSS: <0.15dB (MAIN LINE)
 VSWR: <1.25:1 (MAIN LINE)
 <2:1 (COUPLED PORTS)
 COUPLING: 50.0 ±1.0dB
 DIRECTIVITY: >20dB
 COUPLED FLATNESS: ±0.50dB
 POWER: 2000 WATT
 TEMPERATURE: -55°C TO 80°C

J1: INPUT
 J2: OUTPUT
 J3: -50dB (FWD. COUPLED)
 J4: -50dB (REFL. COUPLED)

NOTES

- CONNECTORS J1 & 2:
TYPE SC-F
CONNECTORS J3 & 4:
TYPE SMA-F

MATERIAL	AL. ALLOY	DWN	DG	DATE	1-10				
	6061-T651	ENG	AD	DATE	1-10				
FINISH	CHEM FILM CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT)	MANUF	DATE		TITLE OUTLINE, DUAL DIRECTIONAL COUPLER, 80-1000 MHz, 50dB, 2000W				
		CAGE CODE: 437R2							
TOLERANCE	.XXX ±.005	SHEET	OF	SCALE	1:1	SIZE	P/N	IPP-3113	REV.
	IN [MM]					1			