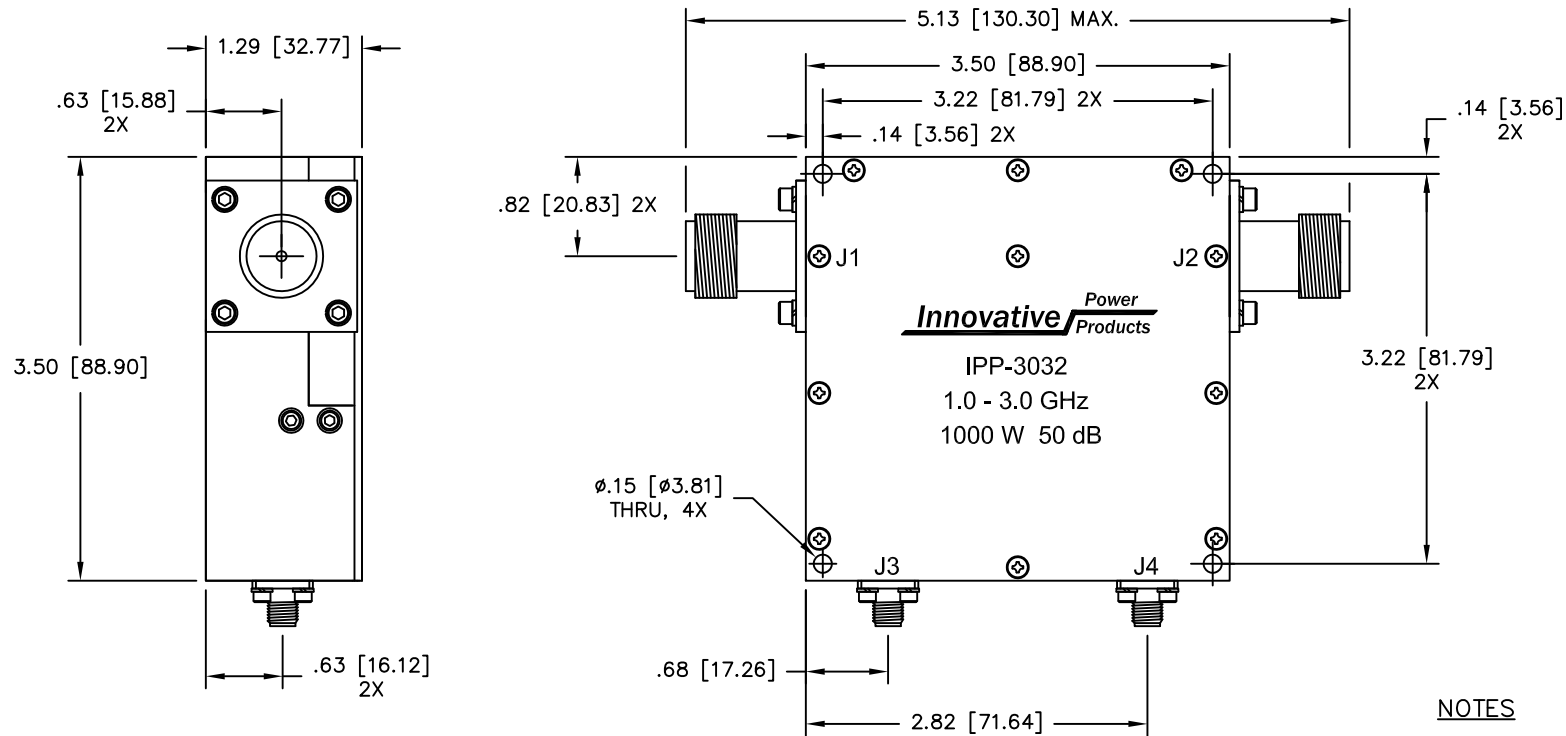


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1349	A	INITIAL RELEASE	DG	11/07
1349	B	UPDATED TOP VIEW	DG	12/07
1349	C	ADDED DIM 5.13 [130.30] MAX, UPDATED SIDE VIEW	DG	12/07
1603	D	ADDED TEMP, CHANGE WATTAGE TO 1000W	DG	11-08
4492	E	SEE DAR	DG	8-13



ELECTRICAL SPECIFICATIONS

FREQUENCY:	1.0 – 3.0 GHz.
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:	1000 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 6061-T651	DWN	DG	DATE	11/07	Innovative Power Products		
		ENG	TJD	DATE	11/07			
FINISH	CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF	TP	DATE	11/07	TITLE OUTLINE, DUAL DIRECTIONAL COUPLER, 1.0-3.0 GHz., 50dB, 1000W		
		CAGE CODE: 437R2						
TOLERANCE	.XXX ±.005 IN [MM] .XX ±.02 ANG. ±1/2°	SHEET		SCALE		SIZE	P/N	REV.
		1		1:1		B	IPP-3032	E