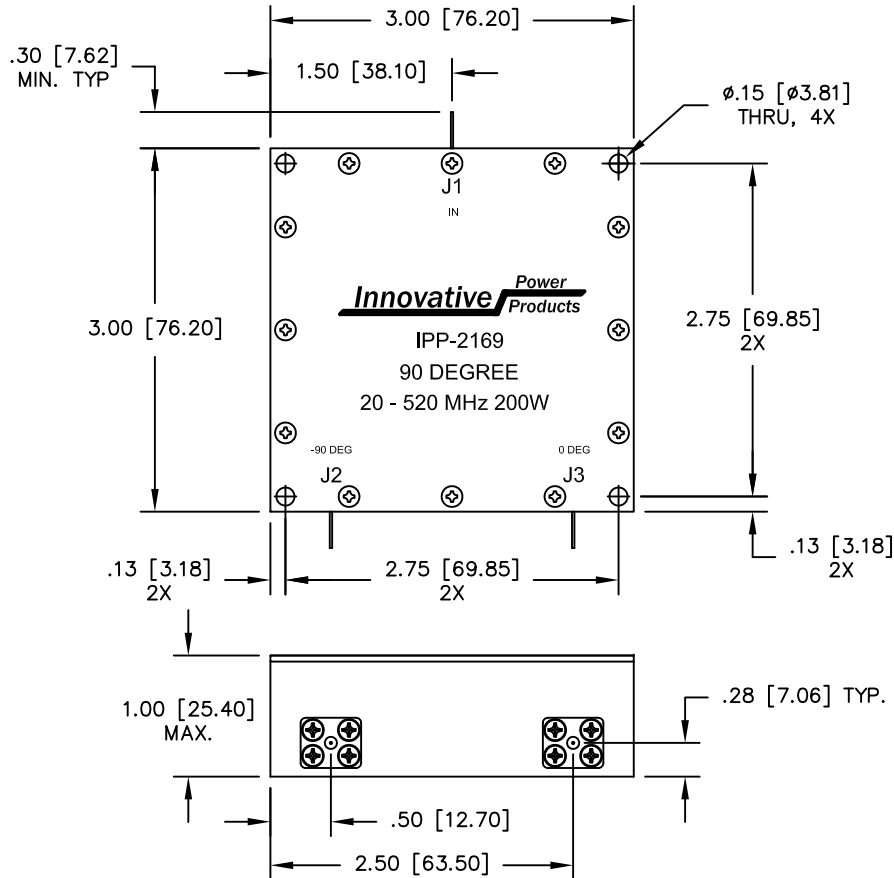


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2024	A	INITIAL RELEASE	DG	9-09
2184	B	SEE DAR	DG	12-09
2495	C	SEE DAR	DG	5-10
3613	D	SEE DAR	DG	4-12
4736	E	SEE DAR	DG	1-14



ELECTRICAL SPECIFICATIONS

FREQUENCY:	20 - 520 MHz.
INSERTION LOSS:	< 0.80 dB
VSWR:	< 1.3: 1
PHASE BALANCE:	±10°
AMPLITUDE BALANCE:	±0.3 dB
POWER:	200 WATT
ISOLATION:	>16 dB
TEMPERATURE:	-55° TO 85°C

PORT CONFIGURATION			
INPUT	J1	J2	J3
J1	---	-3dB<-90 DEG	-3dB<0 DEG

NOTES:

- CONNECTORS: J1-J3: .020 [.508] DIA PIN.
- SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1106. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

MATERIAL	AL. ALLOY 6061-T651	DWN S.Cornell	DATE 4-23-09	Innovative Power Products	
FINISH	CHEM FILM, CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT)	ENG TJD	DATE 4-23-09		
TOLERANCE	.XX ±.02 .XXX ±.010 ANG. ±1/2°	MANUF RR	DATE 4-23-09	TITLE OUTLINE	
		CAGE CODE: 437R2		90 DEG, 2 - WAY 20 - 520 MHz 200 WATT	
		SHEET OF 1 1	SCALE 1:1	SIZE B	P/N IPP-2169
					REV. E