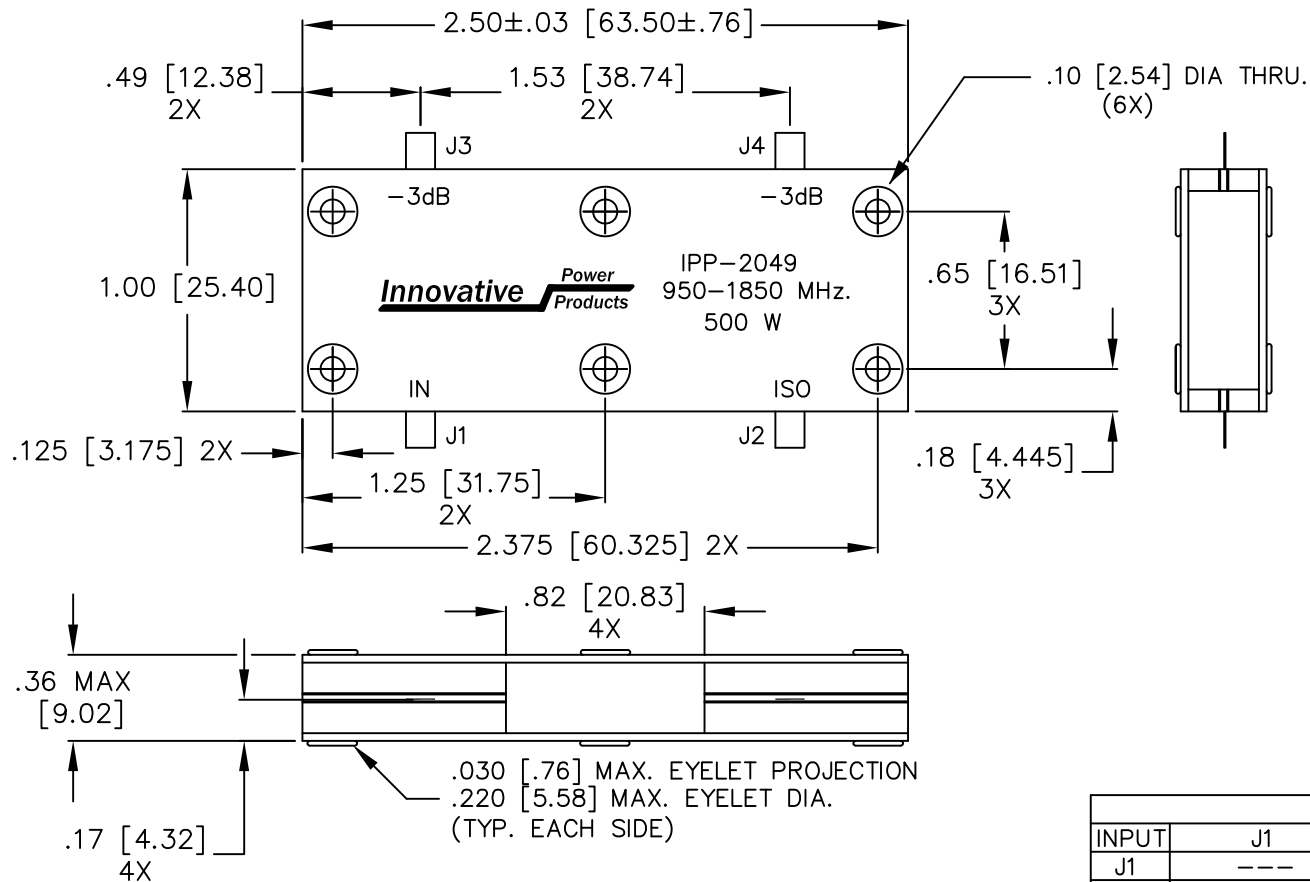


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2105	C	SEE DAR	DG	10-09
4557	D	SEE DAR	DG	9-13
6684	E	SEE DAR	DG	5-17



**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	950 - 1850 MHz.
INSERTION LOSS:	< 0.20 dB
VSWR:	< 1.25:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±0.5 dB
PHASE BALANCE:	±5°
POWER:	500 W
TEMPERATURE:	-55°C TO 85°C

**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:**

- LEAD MATERIAL: 99.99% PURE SILVER  
.120 [3.05] WIDE X .15 [3.81] MIN. LONG  
X .005 [0.127] THICK.
- SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
- RoHS COMPLIANT.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1015. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

MATERIAL	DWN DG	DATE 7-06	<b>Innovative Power Products</b>		
AL. ALLOY, 6061-T6	ENG TJD	DATE 7-06			
FINISH	MANUF TP	DATE 7-06	TITLE		
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT			OUTLINE		
TOLERANCE	CAGE CODE: 437R2		950 - 1850 MHz., 500 W, 90° COUPLER		
.XX ±.02 [0.50] IN [MM] .XXX ±.005 [0.127] ANG. ±1/2°	SHEET OF	SCALE	SIZE	P/N	REV.
	1 1	2:1	B	IPP-2049	E