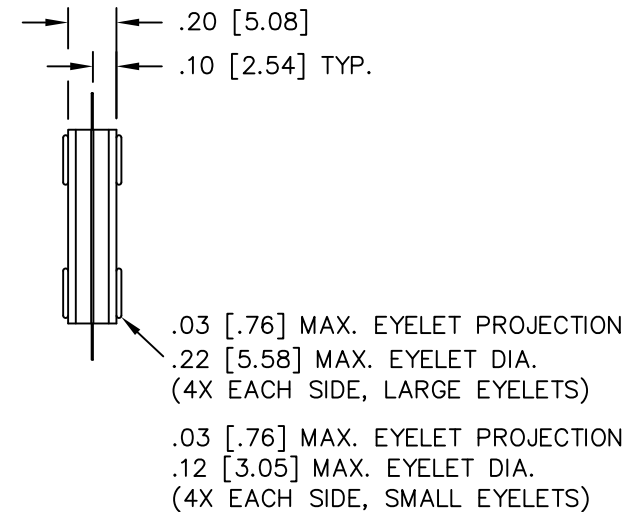
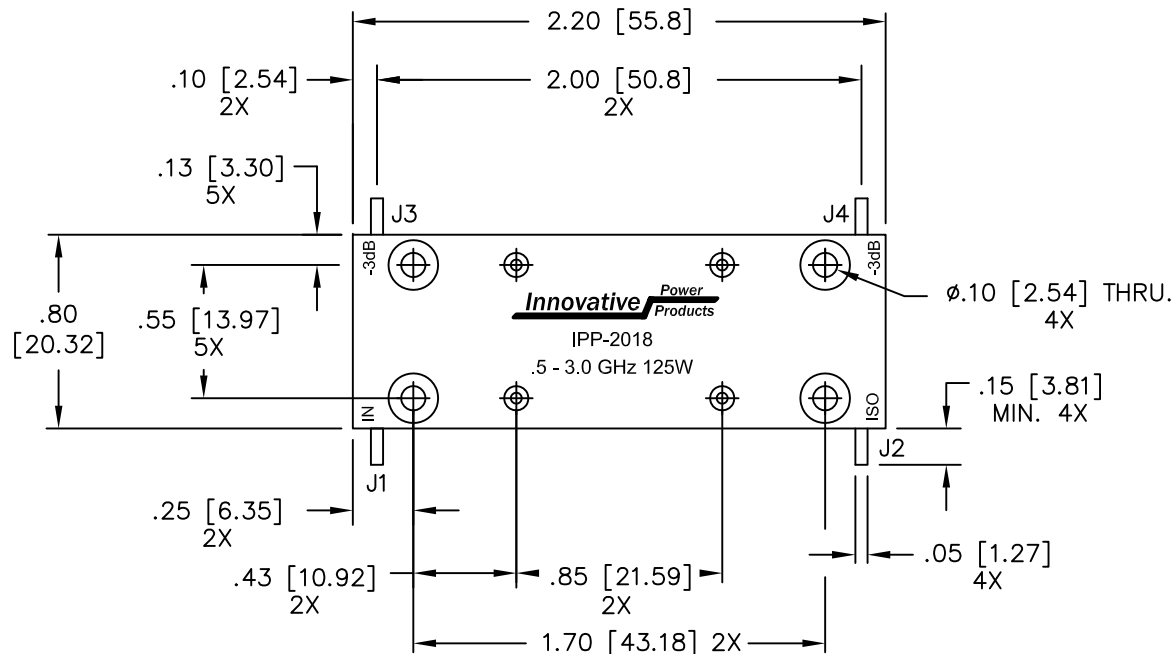


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1048	A	INITIAL RELEASE	TJD	2-06
1280	B	CHANGE POWER FROM 200 W TO 125 W	TJD	4-07
4731	C	SEE DAR	DG	1-14
4806	D	SEE DAR	DG	2-14



ELECTRICAL SPECIFICATIONS

NOTES:

1. LEAD MATERIAL: 99.99% PURE SILVER .005 [.127] THICK.
2. SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
3. RoHS COMPLIANT.
4. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1001. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

FREQUENCY:	0.5 - 3.0 GHz.
INSERTION LOSS:	< 0.60 dB
VSWR:	< 1.30:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	±0.80 dB
PHASE BALANCE:	±5°
POWER:	125 WATT
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	---

MATERIAL AL. ALLOY, 6061-T6	DWN	DG	DATE	2-06	Innovative Power Products	
	ENG	TJD	DATE	2-06		
	FINISH	CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF	TP	DATE	2-06
	TOLERANCE	.XX ±.02 [.50] .XXX ±.005 [.127] ANG. ±1/2°	CAGE CODE: 437R2		TITLE OUTLINE, COUP., 90°, .5 - 3.0 GHz. 125W	
SHEET 1 OF 1			SCALE	2:1	P/N IPP-2018	REV. D