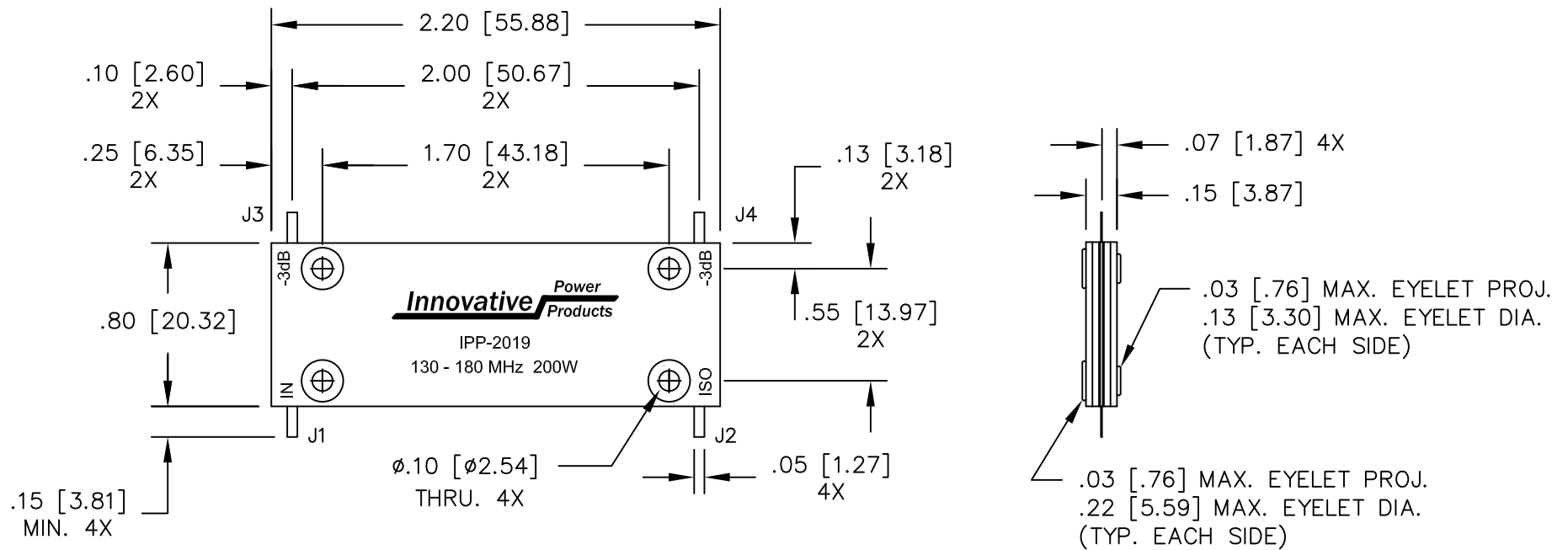


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1051	A	INITIAL RELEASE	TJD	1-06
1453	B	REVISED SPECIFICATIONS	TJD	5-08
1822	C	SEE DAR	DG	4-09
4552	D	SEE DAR	DG	9-13



ELECTRICAL SPECIFICATIONS

FREQUENCY:	130 - 180 MHz.
INSERTION LOSS:	< 0.25 dB
VSWR:	< 1.25:1
ISOLATION:	> 20 dB
AMPLITUDE BALANCE:	± 0.40 dB
PHASE BALANCE:	$\pm 5^\circ$
POWER:	200 WATT
TEMPERATURE:	-55°C TO 85°C

NOTES:

- LEAD MATERIAL: 99.99% PURE SILVER .005 [.127] THICK.
- SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
- RoHS COMPLIANT.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1002. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

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	DWN DG	DATE 1/06	Innovative Power Products			
AL. ALLOY, 6061-T6	ENG TJD	DATE 1/06				
FINISH	MANUF TP	DATE 1/06	TITLE			
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT			OUTLINE, COUP., 90°, 130 - 180 MHz, 200W			
TOLERANCE	CAGE CODE: 437R2		SIZE	P/N	REV.	
.XX ± 0.02 [.50] IN [MM] .XXX ± 0.005 [.127] ANG. $\pm 1/2^\circ$	SHEET 1	OF 1	SCALE 2:1	B	IPP-2019	D