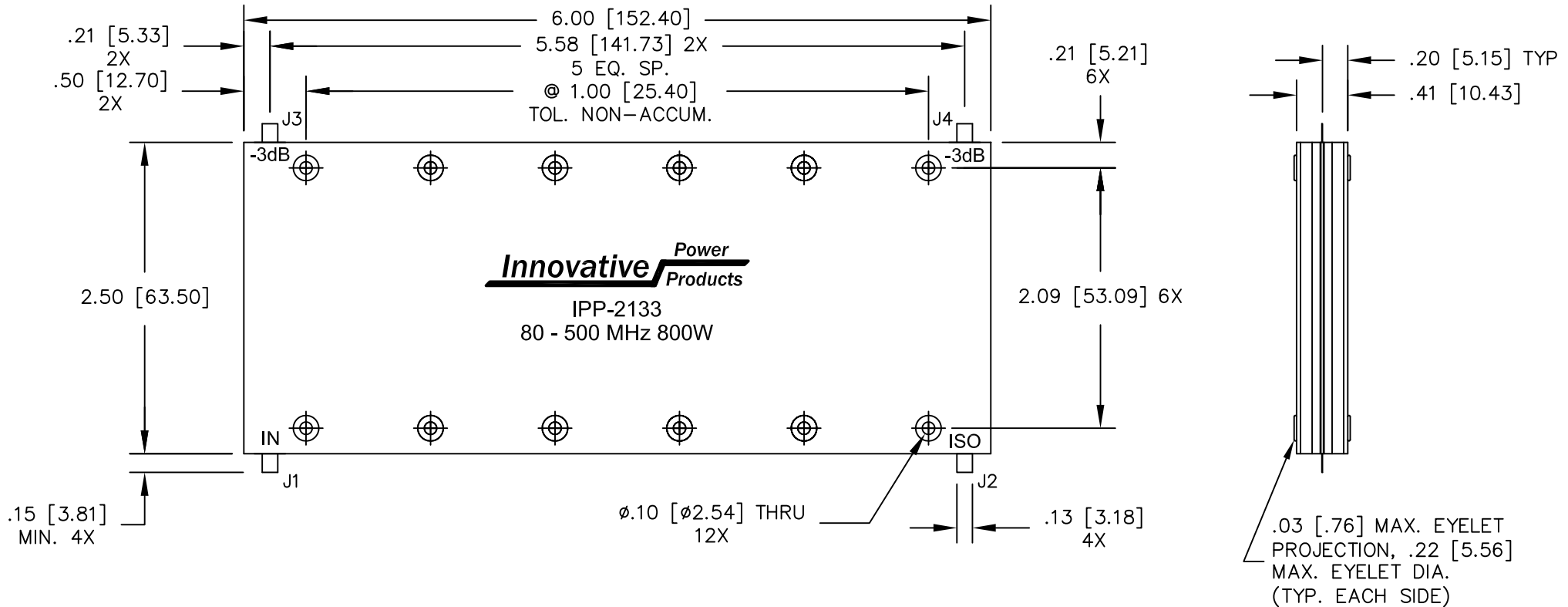


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1668	A	INITIAL RELEASE	DG	12-08
4752	B	SEE DAR	DG	1-14



ELECTRICAL SPECIFICATIONS

FREQUENCY:	80 - 500 MHz.
INSERTION LOSS:	< 0.35 dB
VSWR:	< 1.30:1
ISOLATION:	> 16 dB
AMPLITUDE BALANCE:	±0.95 dB
PHASE BALANCE:	±5°
POWER:	800 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	---

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-1077. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

MATERIAL	DWN S.Cornell	DATE 10-15-08	Innovative Power Products		
AL. ALLOY 6061-T6	ENG TJD	DATE 10-15-08			
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F CLASS 3 ROHS COMPLIANT	MANUF TP	DATE 10-15-08	TITLE		
TOLERANCE	CAGE CODE: 437R2		OUTLINE, COUP., 90°, 80 - 500 MHz. 800W		
.xx ±.02 [.50]	SHEET OF	SCALE	SIZE	P/N	REV.
IN [MM] .xxx ±.005 [.127]	1 1	1.33:1	B	IPP-2133	B
ANG. ±1/2°					