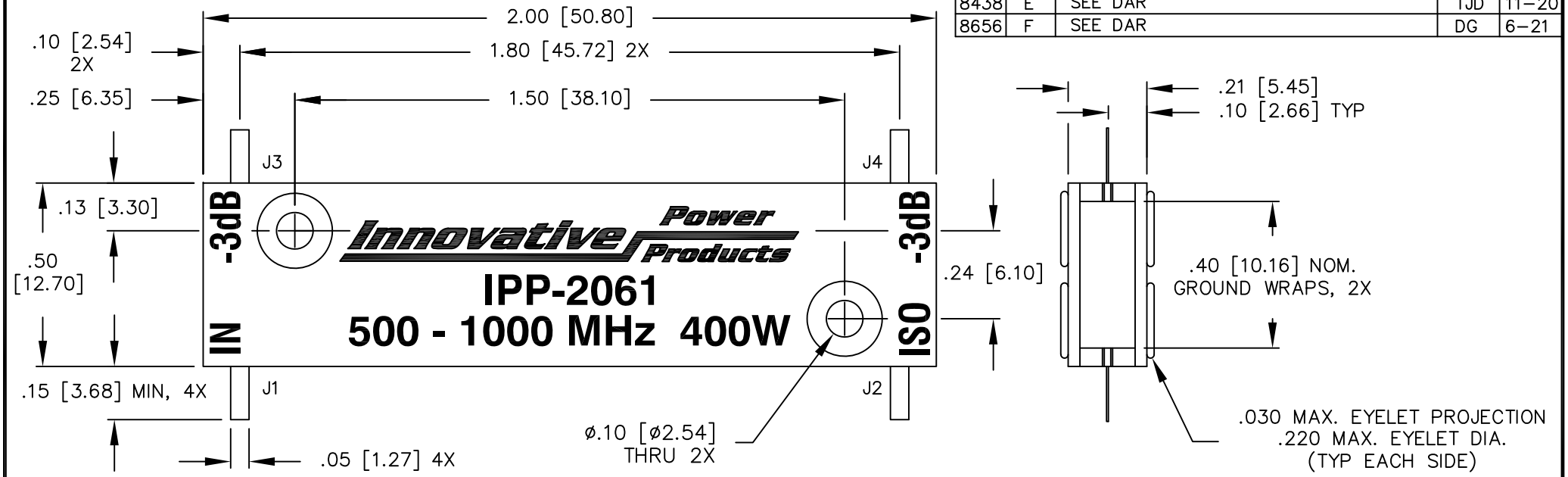
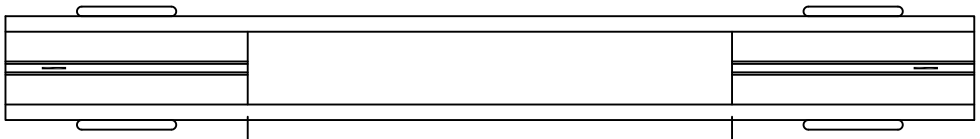
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4557	D	SEE DAR	DG	9–13
8438	E	SEE DAR	TJD	11–20
8656	F	SEE DAR	DG	6–21





1.00 [25.40] NOM.
GROUND WRAPS, 2X

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:
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−1093. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	500 − 1000 MHz.
INSERTION LOSS:	< 0.25 dB
VSWR:	< 1.25:1
ISOLATION:	> 20 dB
AMPLITUDE BALANCE:	±0.55 dB
PHASE BALANCE:	±5°
POWER:	400 WATT
TEMPERATURE:	−55°C TO 85°C

MATERIAL: AL. ALLOY, 6061-T6

FINISH: CHEM FILM, CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT)

TOLERANCE IN [MM]: .XX ±.02 [.50]; .XXX ±.005 [.127]; ANG. ±1/2°

DWN	DG	DATE	10-06
ENG	TJD	DATE	10-06
MANUF	TP	DATE	10-06

CAGE CODE: 437R2

SHEET 1 OF 1 | SCALE 4:1

Innovative Power Products

TITLE: OUTLINE, COUP., 90°, 500 - 1000 MHz. 400W

SIZE B | P/N IPP-2061 | REV. F