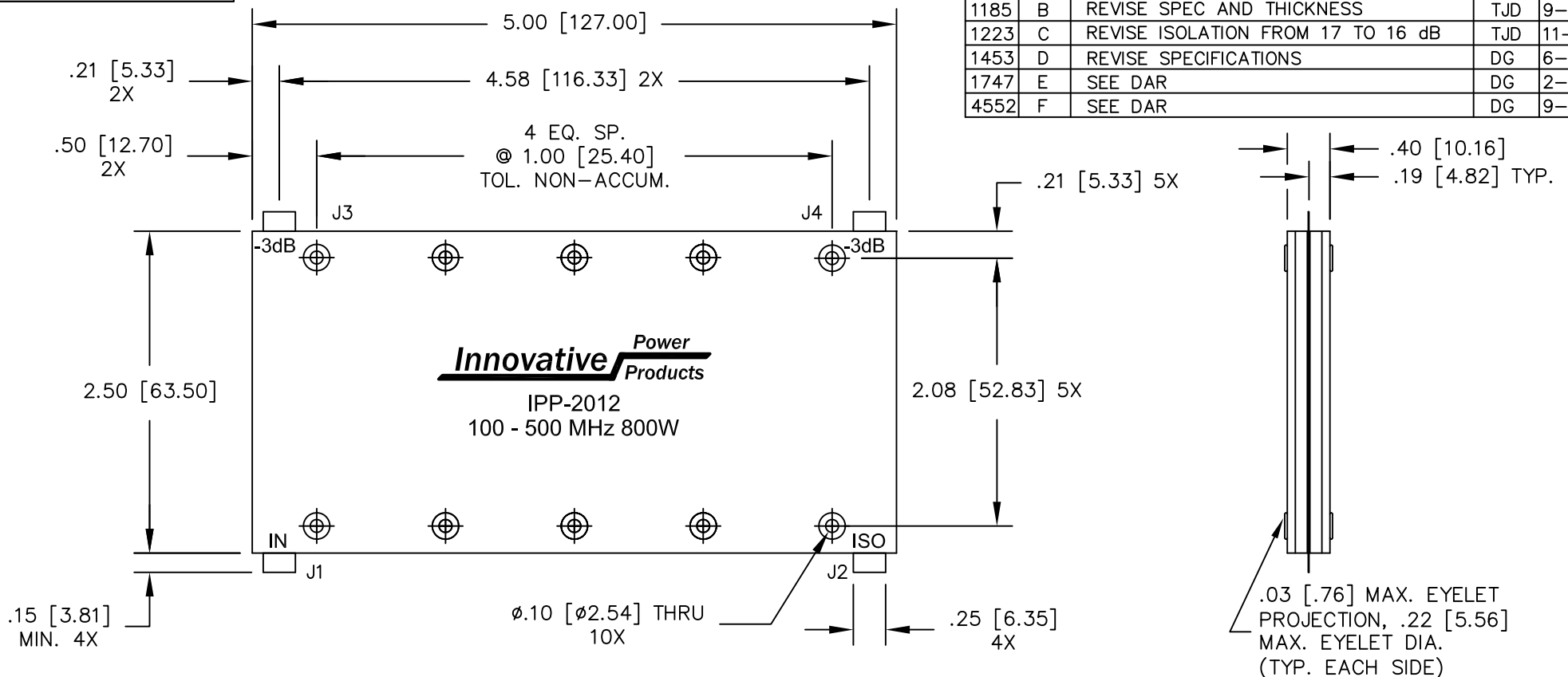


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1041	A	INITIAL RELEASE	TJD	12/05
1185	B	REVISE SPEC AND THICKNESS	TJD	9-06
1223	C	REVISE ISOLATION FROM 17 TO 16 dB	TJD	11-06
1453	D	REVISE SPECIFICATIONS	DG	6-08
1747	E	SEE DAR	DG	2-09
4552	F	SEE DAR	DG	9-13



ELECTRICAL SPECIFICATIONS

- NOTES:
- LEAD MATERIAL: 99.99% PURE SILVER
 - SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
 - RoHS COMPLIANT.
 - DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1011. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.
- FREQUENCY: 100 - 500 MHz.
INSERTION LOSS: < 0.35 dB
VSWR: < 1.30:1
ISOLATION: > 16 dB
AMPLITUDE BALANCE: ± 0.8 dB
PHASE BALANCE: $\pm 5^\circ$
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	---

MATERIAL AL. ALLOY, 6061-T6	DWN	DG	DATE	12/05	Innovative Power Products		
	ENG	TJD	DATE	12/05			
	FINISH	CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F CLASS 3 ROHS COMPLIANT	MANUF	TP	DATE	12/05	TITLE OUTLINE, COUP., 90°, 100 - 500 MHz. 800W
TOLERANCE IN [MM]	CAGE CODE: 437R2		SHEET OF 1 1		SCALE 1.33:1		SIZE B
	.xx $\pm$.02 [.50] .xxx $\pm$.005 [.127] ANG. $\pm 1/2^\circ$		P/N		IPP-2012		REV. F