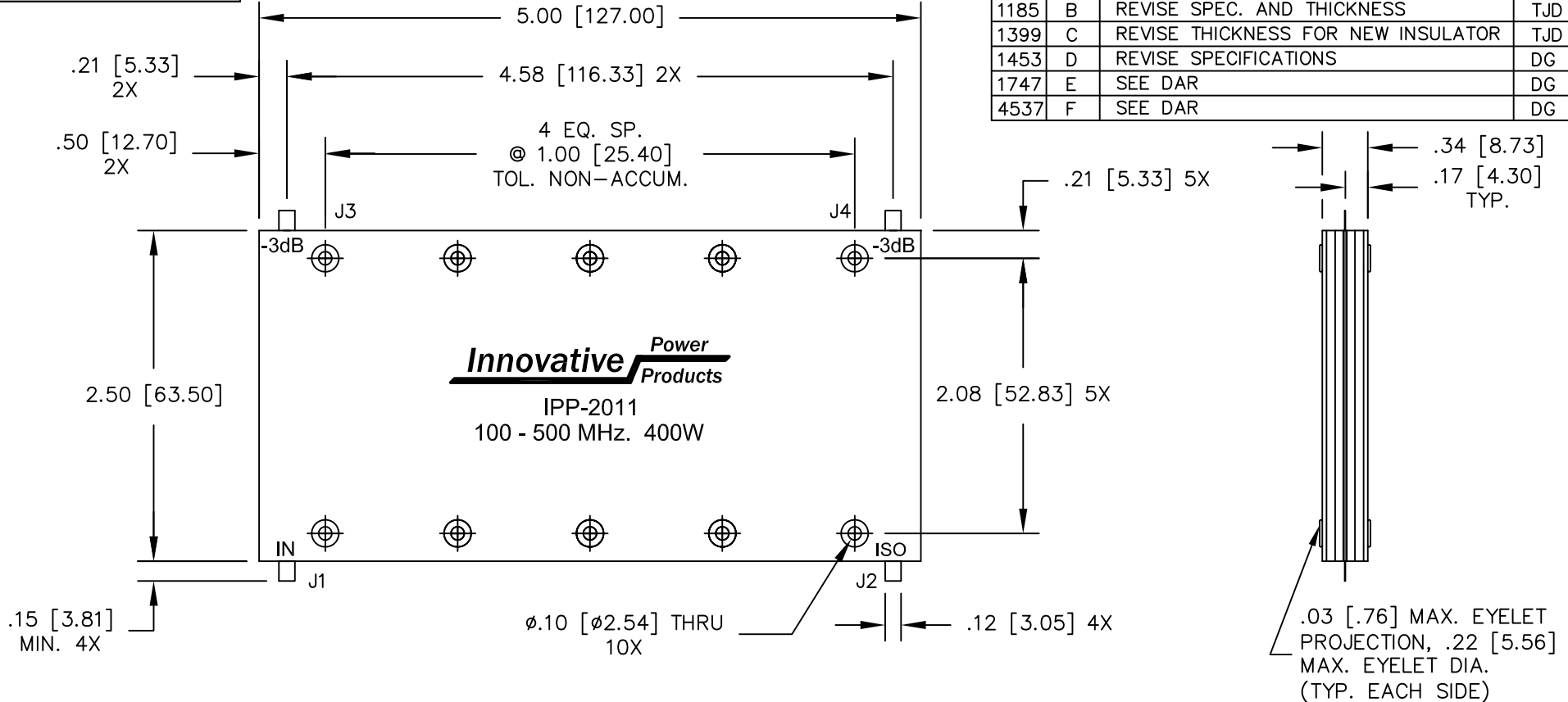


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1040	A	INITIAL RELEASE	TJD	12/05
1185	B	REVISE SPEC. AND THICKNESS	TJD	9-07
1399	C	REVISE THICKNESS FOR NEW INSULATOR	TJD	2-08
1453	D	REVISE SPECIFICATIONS	DG	6-08
1747	E	SEE DAR	DG	2-09
4537	F	SEE DAR	DG	9-13



**ELECTRICAL SPECIFICATIONS**

- 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-1011. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.
- FREQUENCY: 100 - 500 MHz.  
 INSERTION LOSS: < 0.4dB  
 VSWR: < 1.25:1  
 ISOLATION: > 18 dB  
 AMPLITUDE BALANCE: ±0.7 dB  
 PHASE BALANCE: ±5°  
 POWER: 400 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	DWN	DG	DATE	12/05	<b>Innovative Power Products</b>
AL. ALLOY, 6061-T6	ENG	TJD	DATE	12/05	
FINISH	MANUF	TP	DATE	12/05	TITLE
CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F CLASS 3 ROHS COMPLIANT	CAGE CODE: 437R2			OUTLINE, COUP., 90°, 100 - 500 MHz. 400W	
TOLERANCE	SHEET	OF	SCALE	SIZE	P/N
.xx ±.02 [.50] .xxx ±.005 [.127] ANG. ±1/2°	1	1	1.33:1	B	IPP-2011
					REV.
					F