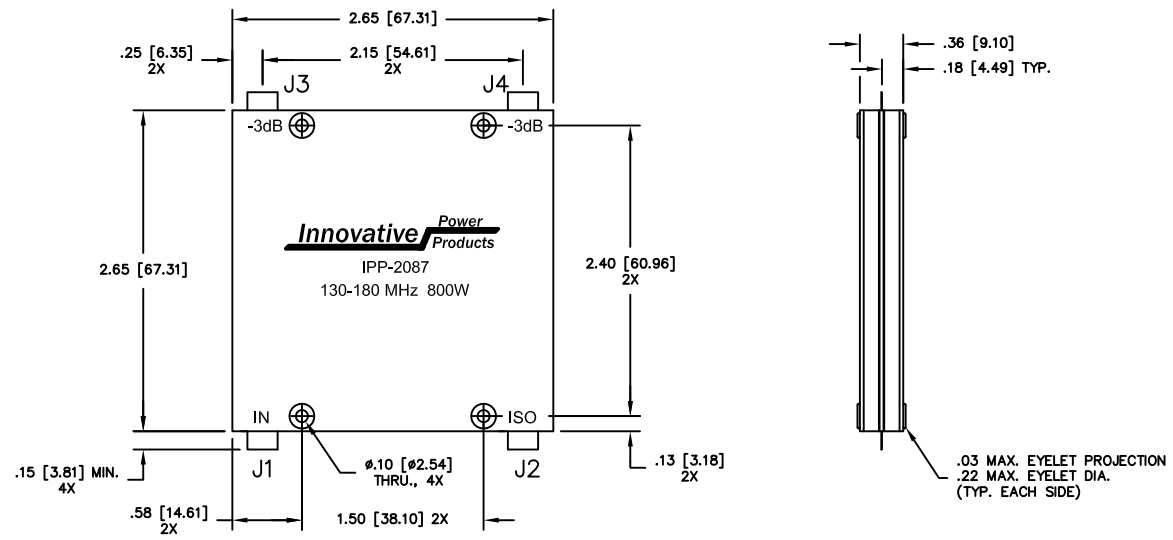


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1358	A	INITIAL RELEASE	DG	11-07
1453	B	REVISED SPECIFICATIONS	DG	5-08
2431	C	SEE DAR	TJD	4-10
4559	D	SEE DAR	DG	9-13



**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	130-180 MHz.
INSERTION LOSS:	< 0.20 dB
VSWR:	< 1.25:1
ISOLATION:	> 18 dB
AMPLITUDE BALANCE:	$\pm 0.30$ dB
PHASE BALANCE:	$\pm 5^\circ$
POWER:	800 WATT
TEMPERATURE:	-55°C TO 85°C

- NOTES:**
- LEAD MATERIAL: 99.99% PURE SILVER .250 [6.35] X .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-1039. 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 AL. ALLOY, 6061-T6	DWN DG	DATE 11/07			
	ENG TJD	DATE 11/07			
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF TP	DATE 11/07	TITLE OUTLINE, COUP., 90°, 130 - 180 MHz. 800W		
	CAGE CODE: 437R2		SIZE B	P/N	IPP-2087
TOLERANCE IN [MM]	.xx $\pm .02$ [.50] .xxx $\pm .005$ [.127] ANG. $\pm 1/2^\circ$	SHEET 1 OF 1	SCALE 1:1		