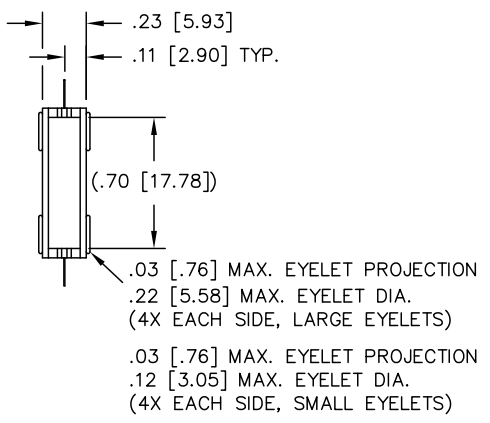
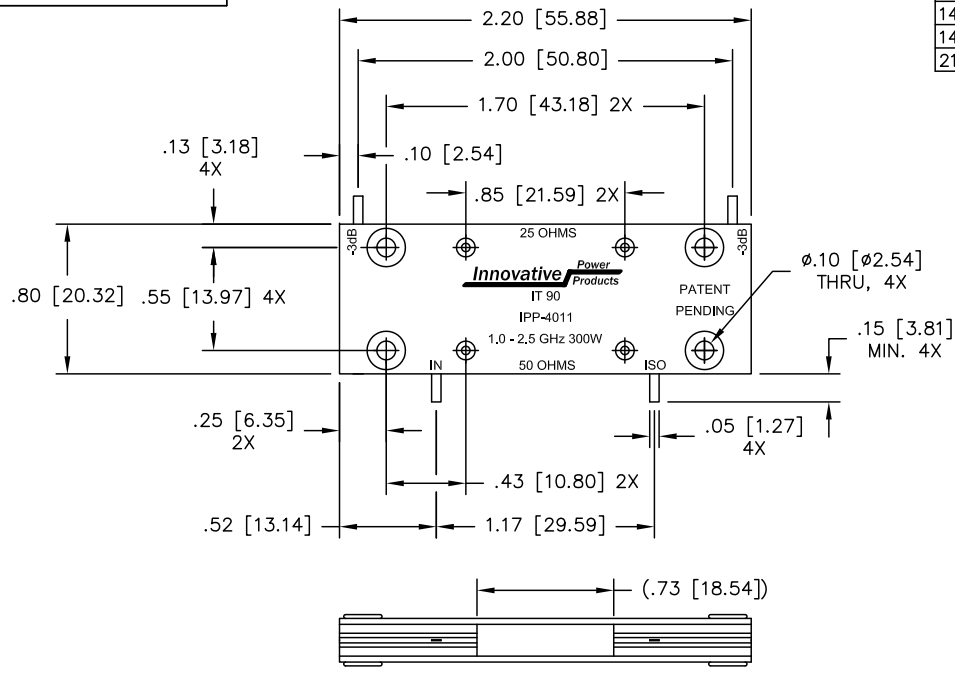


UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1365	A	INITIAL RELEASE	DG	11-07
1447	B	ADDED GROUND WRAPS	DG	5-08
1457	C	ADDED PATENT PENDING, UPDATED SPECS	DG	6-08
2129	D	SEE DAR	DG	11-09



**NOTES**

- LEAD MATERIAL:  
99.99% PURE SILVER  
.005 [0.127] THICK
- SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
- PATENT PENDING
- RoHS COMPLIANT

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	1.0 - 2.5 GHz.
INSERTION LOSS:	< 0.50 dB
VSWR:	< 1.30:1
ISOLATION:	> 14 dB
AMPLITUDE BALANCE:	±0.90 dB
PHASE BALANCE:	±5°
POWER:	300 WATT
IN, ISO:	50 OHMS
-3dB:	25 OHMS
TEMP:	-55 TO 85°C

MATERIAL AL. ALLOY, 6061-T6	DWN DG	DATE 11/07	<b>Innovative Power Products</b>
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	ENG TJD	DATE 11/07	
TOLERANCE .XX ±.02 [.50] .XXX ±.005 [.127] ANG. ±1/2°	MANUF TP	DATE 11/07	
CAGE CODE: 437R2			TITLE OUTLINE, IT90, IMPEDANCE TRANSFORMING, 90° COUPLER, 1.0 - 2.5 GHz. 300W
SHEET 1 OF 1	SCALE 2:1	SIZE B	P/N IPP-4011
			REV. D