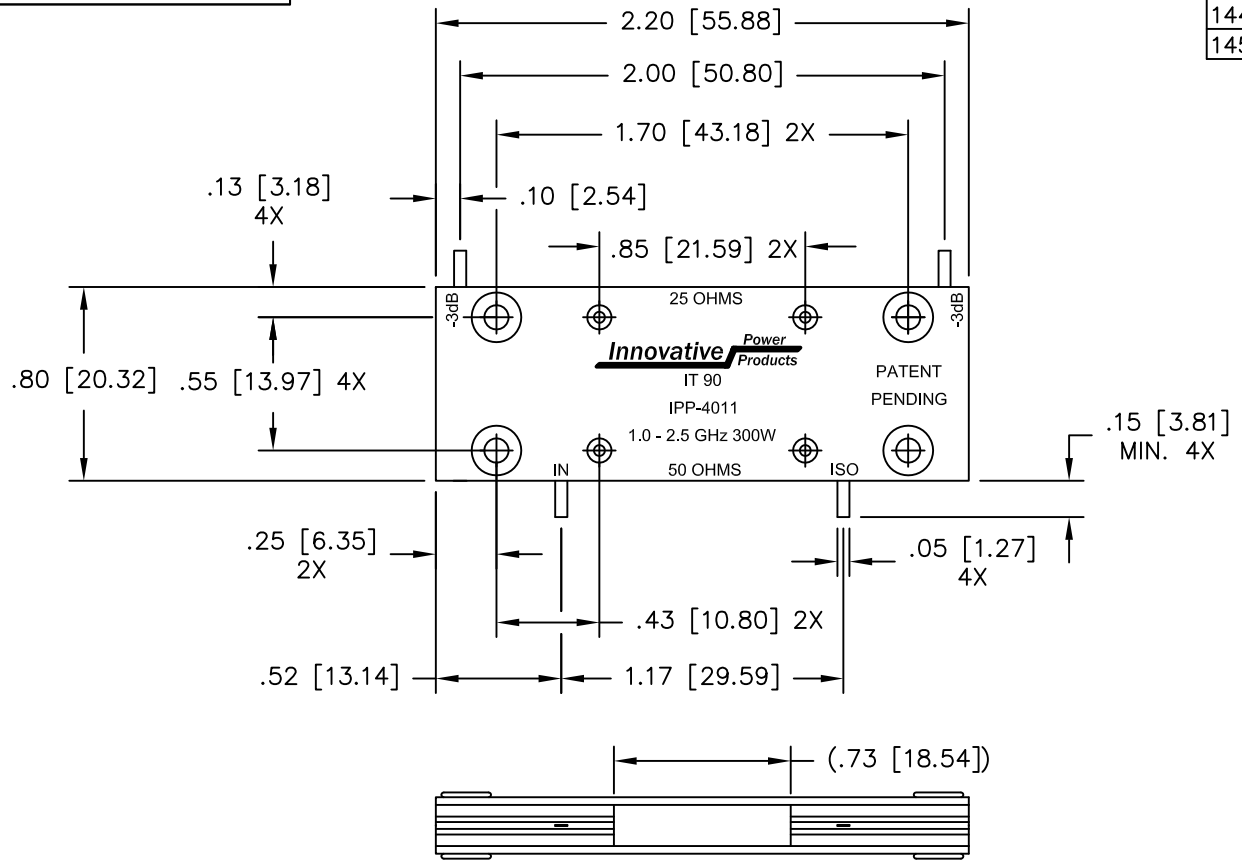
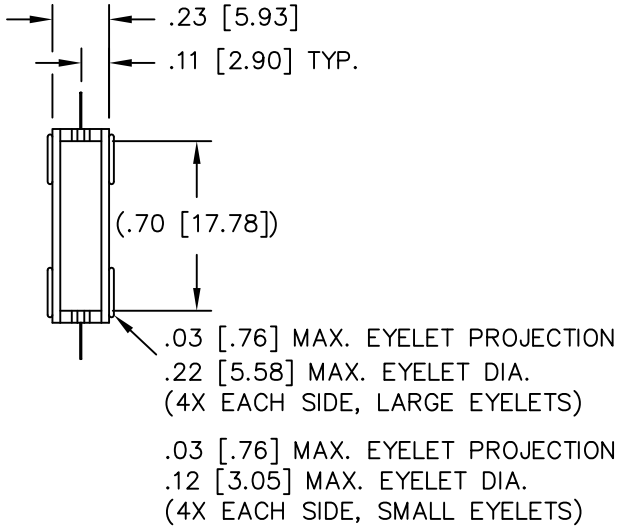
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

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





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

NOTES

1. LEAD MATERIAL: 99.99% PURE SILVER .005" THICK
2. SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
3. PATENT PENDING

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