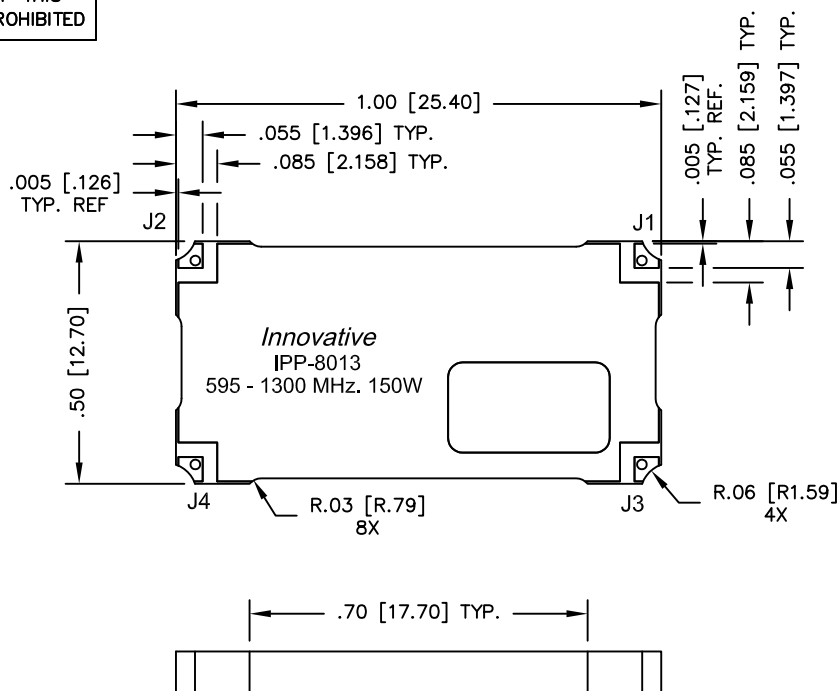


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2175	A	INITIAL RELEASE	TJD	12-09
2613	B	SEE DAR	DG	7-10
2781	C	SEE DAR	DG	11-10
3119	D	SEE DAR	DG	6-11



FINISH	
P/N	TYPE
IPP-8013	TIN/LEAD

NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- DO NOT EXCEED 220°C WHEN INSTALLING COUPLER.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 595 - 1300 MHz.
 INSERTION LOSS: <0.25 dB
 VSWR MAIN LINE: <1.25:1
 VSWR CPL LINE: <2.5:1
 COUPLING: 34dB ±1.0 dB
 COUPLING FLATNESS: ±0.75 dB
 DIRECTIVITY: >18 dB
 POWER: 150 WATT
 TEMPERATURE: -55°C TO +100°C

PORT CONFIGURATION			
INPUT	OUTPUT	FORWARD COUPLED	REFLECTED COUPLED
J1	J2	J3	J4 ADD 50Ω TERMINATION

MATERIAL	DWN DG	DATE 11-09	
FINISH SEE FINISH CHART	ENG TJD	DATE 11-09	
TOLERANCE	CAGE CODE: 437R2		TITLE OUTLINE, SMD COUPLER SDC, 595 - 1300 MHz 34dB 150W
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1 OF 1	SCALE 4:1	SIZE B P/N IPP-8013
IN [MM]			REV. D