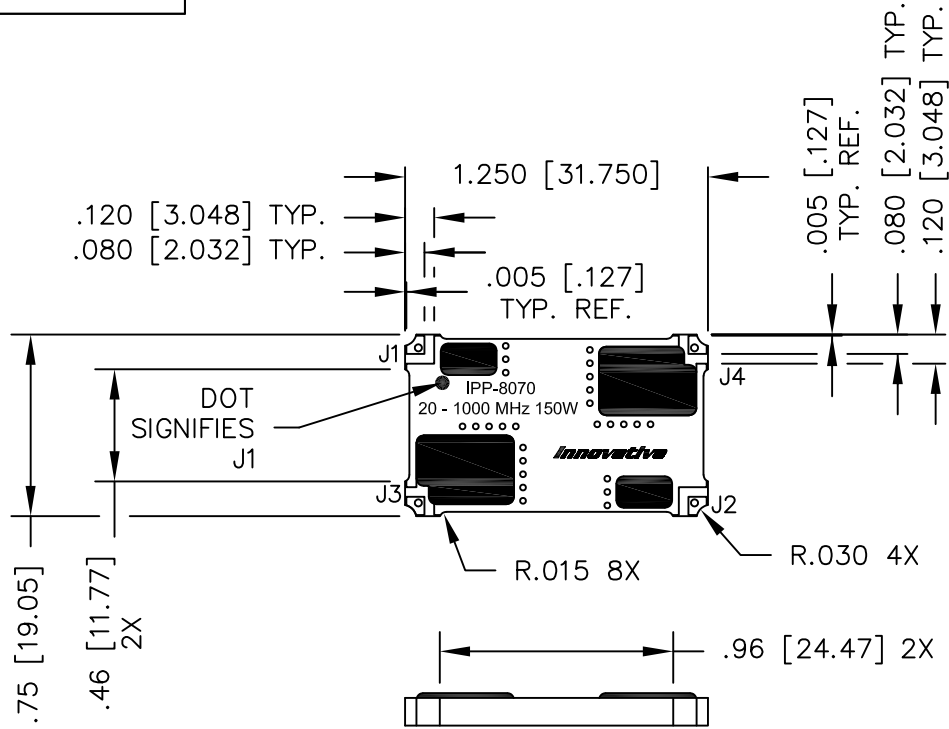


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
7171	E	SEE DAR	DG	5-18
7172	F	SEE DAR	DG	5-18
8013	G	SEE DAR	TJD	1-20



NOTES:

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

ELECTRICAL SPECIFICATIONS

FREQUENCY: 20 - 1000 MHz.
 INSERTION LOSS: <0.30 dB
 MAIN LINE VSWR: <1.30:1
 DIRECTIVITY: >20dB
 COUPLING: 50.0±1.5dB
 COUPLED FLATNESS: ±0.65dB
 POWER: 200 WATT; 20-500 MHz
 150 WATT; 500-1000 MHz
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-8070	TIN/LEAD

PORT CONFIGURATION			
INPUT	OUTPUT	FORWARD COUPLED	REFLECTED COUPLED
J1	J2	J3	J4
J2	J1	J4	J3

MATERIAL	DWN S.Cornell	DATE 10-11-12	Innovative Power Products		
FINISH	ENG DG	DATE 10-12			
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE		
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, DDC, 20 - 1000 MHz. 150W		
IN [MM]	SHEET OF	SCALE	SIZE	P/N	REV.
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	1 1	2:1	B	IPP-8070	G