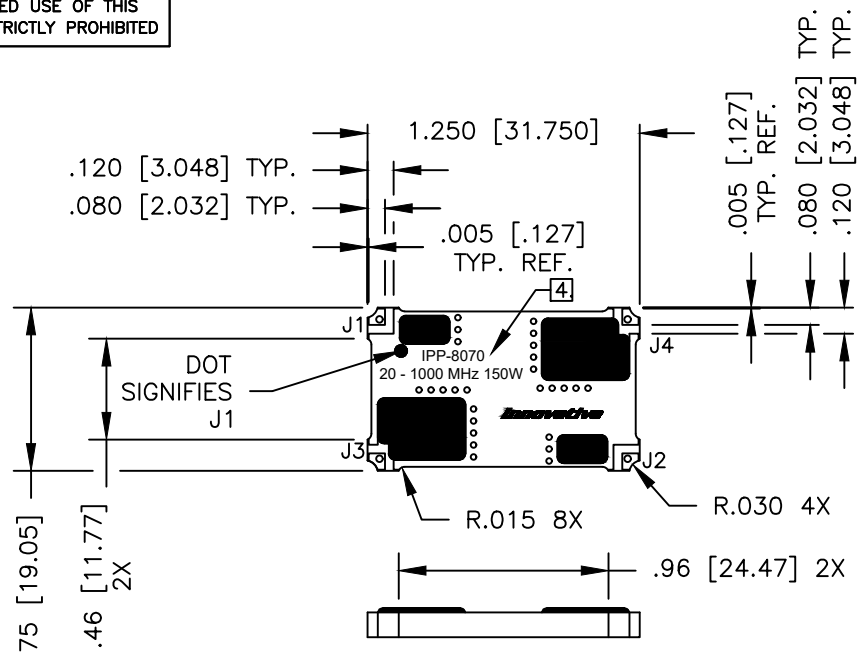


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



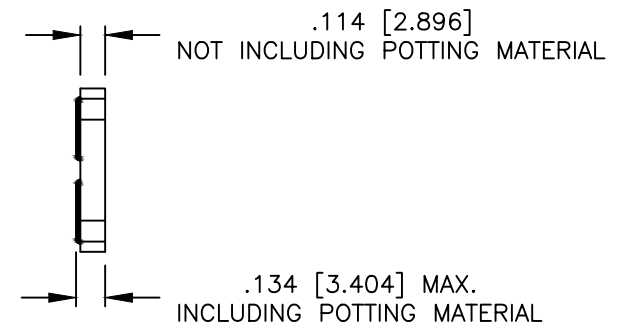
NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS TIN FINISH ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
4. SEE CHART FOR PART NUMBER, FINISH AND MAXIMUM REFLOW INSTALLATION TEMPERATURE.
5. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

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; 20-550 MHz
175 WATT; 550-700 MHz
150 WATT; 700-1000 MHz
TEMPERATURE: -55°C TO 85°C

DAR	REV	DESCRIPTION	APPVD	DATE
8626	H	SEE DAR	TJD	5-21
8888	J	SEE DAR	DG	1-22
9620	K	SEE DAR	DG	3-24



FINISH AND MAX REFLOW TEMPERATURE		
P/N	TYPE	MAX REFLOW TEMP
IPP-8070	TIN/LEAD	220°C
IPP-8070RT	RoHS MATTE TIN	260°C

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	
TOLERANCE		CAGE CODE: 437R2		SMD COUPLER, DDC, 20 - 1000 MHz. 150W	
IN [MM]		SHEET 1	OF 1	SCALE 2:1	REV. K
.XX ±.02 [.50]					
.XXX ±.010 [.254]					
ANG. ±1/2°					