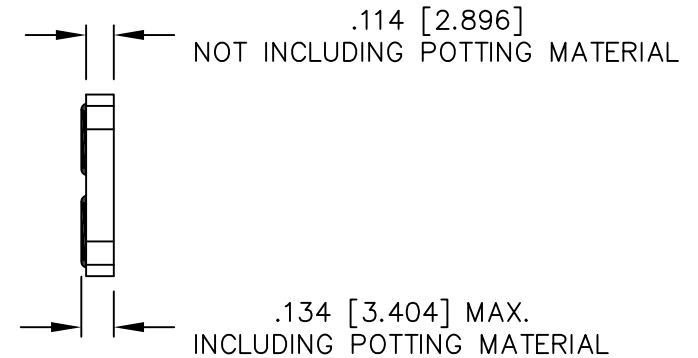
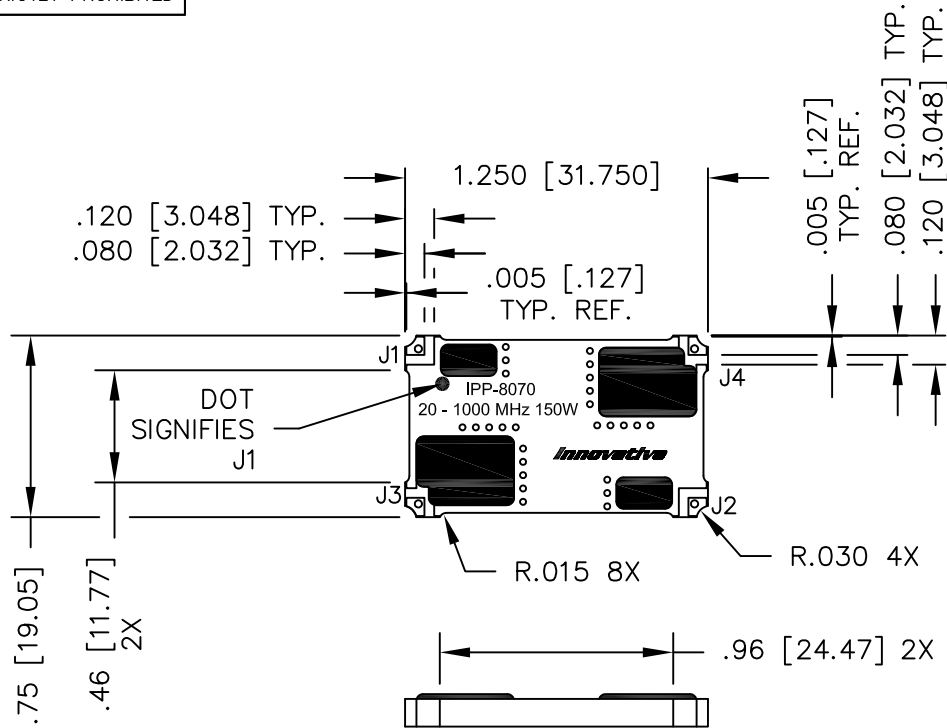


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
6649	D	SEE DAR	DG	4-17
7171	E	SEE DAR	DG	5-18
7172	F	SEE DAR	DG	5-18



**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: >18dB  
 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	<b>Innovative Power Products</b>			
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 1	OF 1	SCALE 2:1	SIZE B	P/N IPP-8070	REV. F
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°						