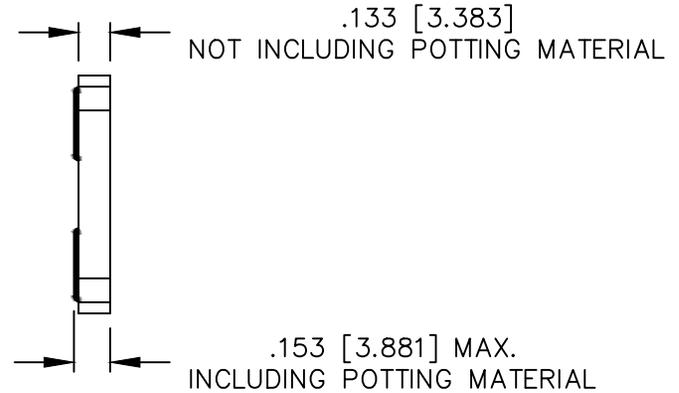
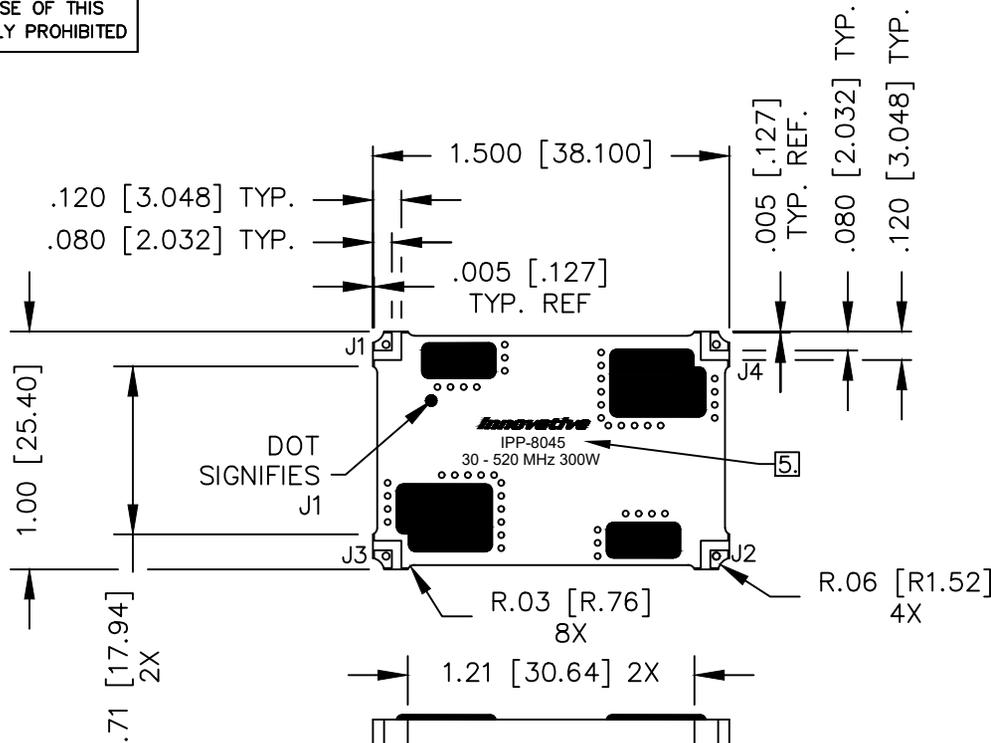


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4448	G	SEE DAR	DG	7-13
6646	H	SEE DAR	DG	4-17
8087	J	SEE DAR	DG	3-20



**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. DO NOT EXCEED 220°C WHEN INSTALLING COUPLER.
5. SEE CHART FOR PART NUMBER AND FINISH.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 30 - 520 MHz.  
 INSERTION LOSS: <0.25 dB  
 MAIN LINE VSWR: <1.25:1  
 DIRECTIVITY: >20dB  
 COUPLING: 50.0±1.5dB  
 COUPLED FLATNESS: ±0.5dB  
 POWER: 300 WATT  
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-8045	TIN/LEAD
IPP-8045RT	RoHS MATTE TIN

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

MATERIAL	DWN DG	DATE 11-10	<b>Innovative Power Products</b>		
FINISH SEE FINISH CHART	ENG TJD	DATE 11-10			
TOLERANCE	MANUF	DATE	TITLE OUTLINE SMD COUPLER, DDC, 30 - 520 MHz. 300W		
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	CAGE CODE: 437R2		SIZE B	P/N IPP-8045*	REV. J
IN [MM]	SHEET OF 1 1	SCALE 2:1			