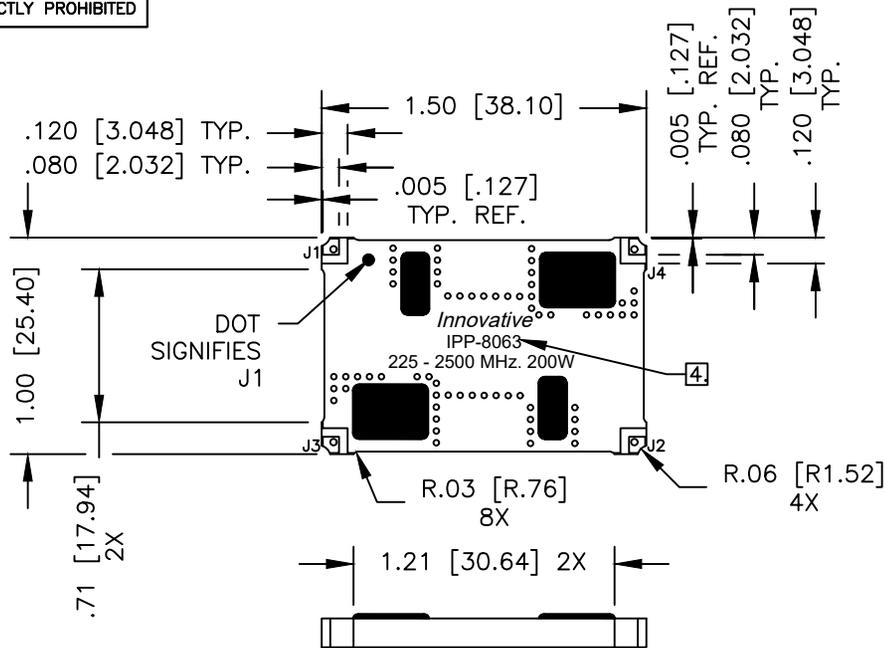


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



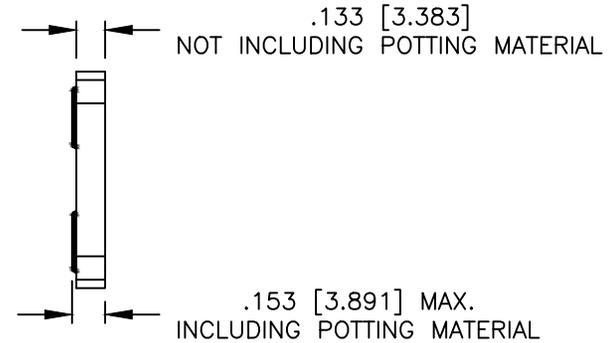
DAR	REV	DESCRIPTION	APPVD	DATE
5306	A	INITIAL RELEASE	DG	12-14
6646	B	SEE DAR	DG	4-17
9854	C	SEE DAR	DG	10-24

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: 225 - 2500 MHz.
 INSERTION LOSS: <0.25 dB
 MAIN LINE VSWR: <1.25:1
 DIRECTIVITY: >20dB
 COUPLING: 45.0±1.0dB
 COUPLED FLATNESS: ±0.75dB
 POWER: 200 WATT
 TEMPERATURE: -55°C TO 85°C



FINISH AND MAX REFLOW TEMPERATURE		
P/N	TYPE	MAX REFLOW TEMP
IPP-8063	TIN/LEAD	220°C
IPP-8063RT	RoHS MATTE TIN	260°C

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

MATERIAL	DWN DG	DATE 1-12	Innovative Power® Products	
FINISH	ENG TJD	DATE 1-12		
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE	
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, DDC, 225 - 2500 MHz. 200W	
.XX ±.02 [.50] IN [MM] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1	OF 1	SCALE 2:1	SIZE B
				P/N IPP-8063*
				REV. C