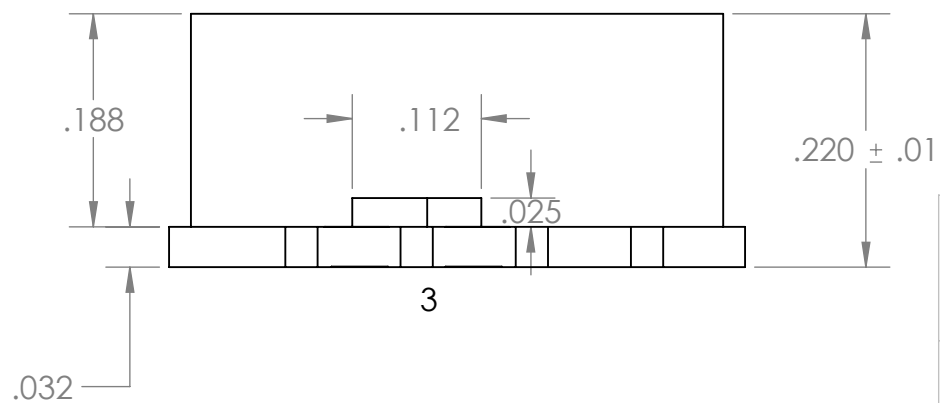
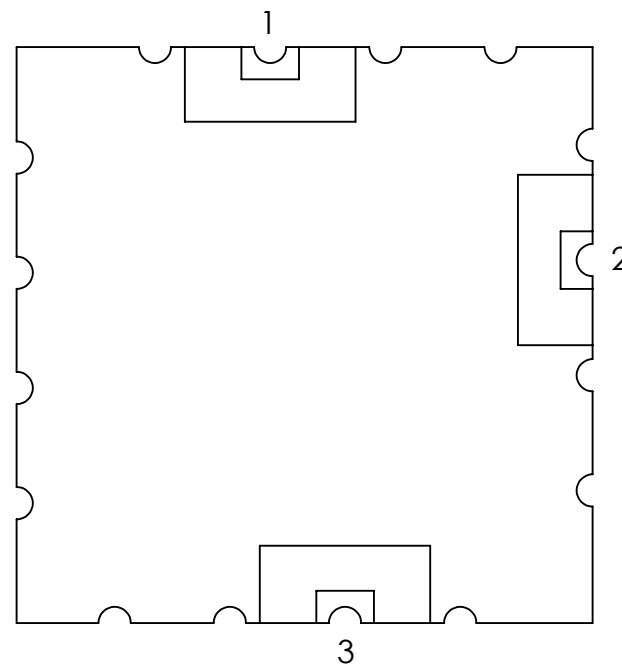
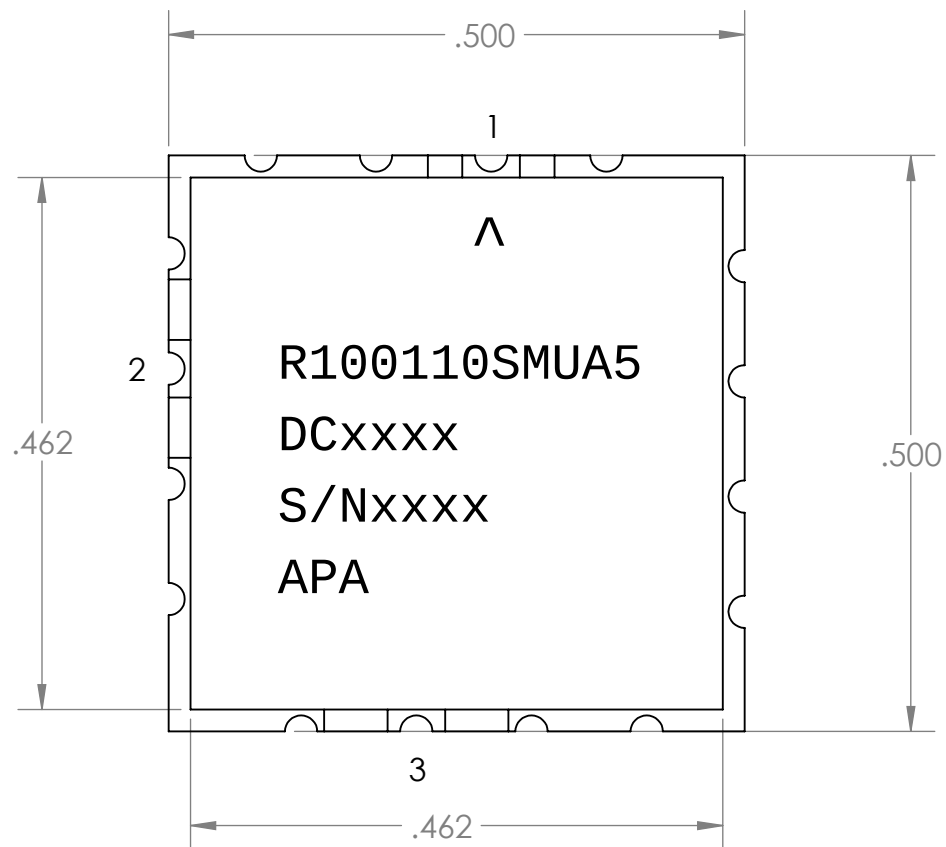




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production</u> <u>Test</u>	<u>First Article</u> <u>Test</u>
Frequency Range	1000		1100	MHz	1	☐	☐
Tuning Voltage	0.5		4.5	V	1	☐	☐
Modulation Sensitivity		37		MHz/V	1	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	9	11	13	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-85	-80	dBc/Hz	1	☐	☐
10 KHz Offset		-112	-107	dBc/Hz	1	☐	☐
100 KHz Offset		-132	-127	dBc/Hz	1	☐	☐
1 MHz Offset		-152	-147	dBc/Hz	1	☐	☐
Pushing		2.5		MHz/V	3	☐	☐
Pulling (1.75:1 VSWR)		4		MHz	3	☐	☐
Modulation Bandwidth		1		MHz	4	☐	☐
Tuning Port Capacitance		47		pF	2	☐	☐
Harmonics		-20	-15	dBc	3	☐	☐
Vcc		5		V	5	☐	☐
Icc		29		mA	1	☐	☐
Operating Temperature	-40		+85	C	3	☐	☐
Package		SMUA			6		
LxW		0.500		inch sq.	5	☐	☐
Height		0.500		inch	5	☐	☐

Notes

1. Tested in production, and guaranteed
2. Per current design, not a tested parameter
3. Sample tested from production lot
4. Not a tested or guaranteed design goal
5. By inspection
6. RoHS Compliant
7. Design goal subject to change



CONTACT ASSIGNMENTS	
1.	RF OUT
2.	VCC
3.	V-TUNE
ALL OTHER CONTACTS ARE GROUND	

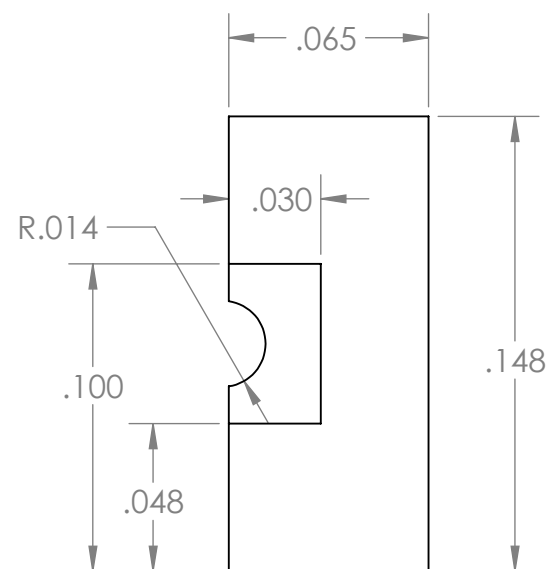


DRAWN	NAME Stefan Babulal	DATE 2/20/2017
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted		

TITLE: SMUA PACKAGE		
SIZE A	DWG. NO. 1	REV
SCALE: 6:1	unit: inch	SHEET 1 OF 2



CONTACT DIMENSIONS



Scale: 16:1



DRAWN	NAME Stefan Babulal	DATE 2/20/2017
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COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

TITLE:

SMUA PACKAGE

SIZE A	DWG. NO. 1	REV
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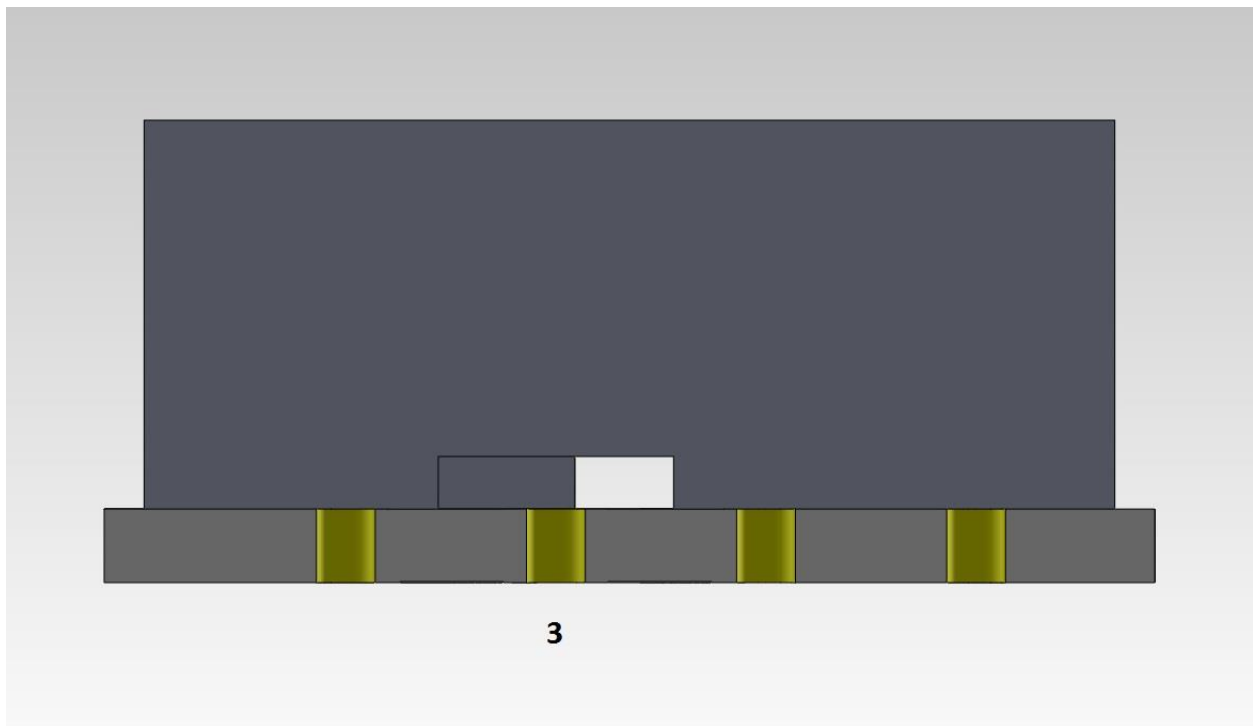
SCALE: 6:1	unit: inch	SHEET 2 OF 2
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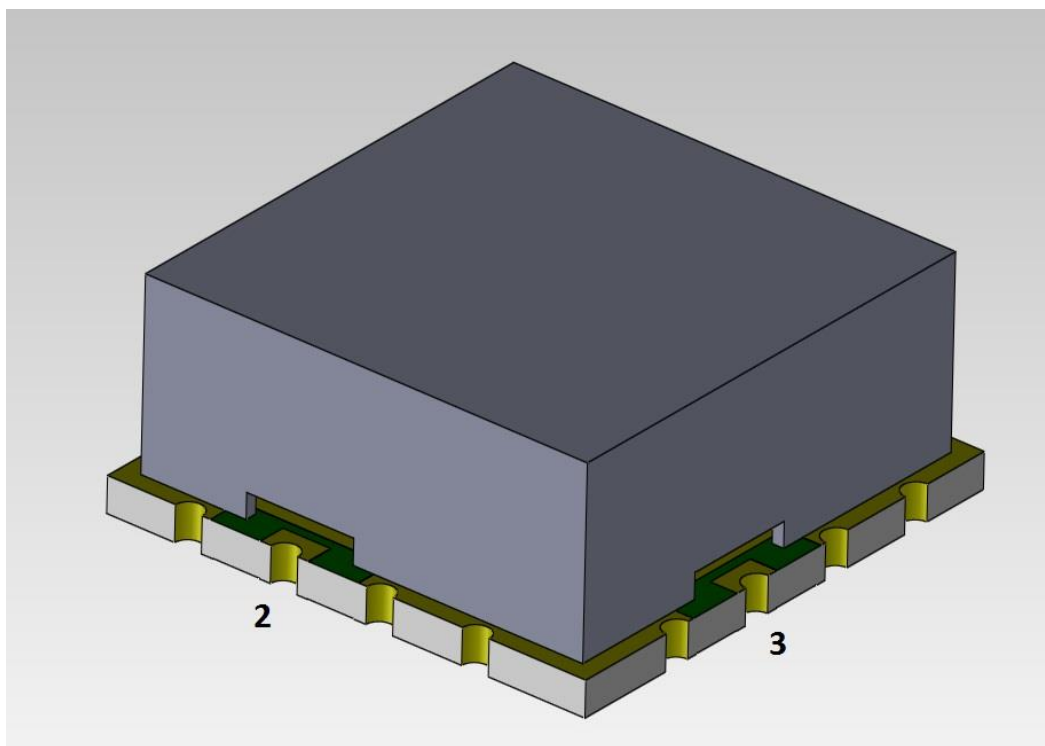
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW