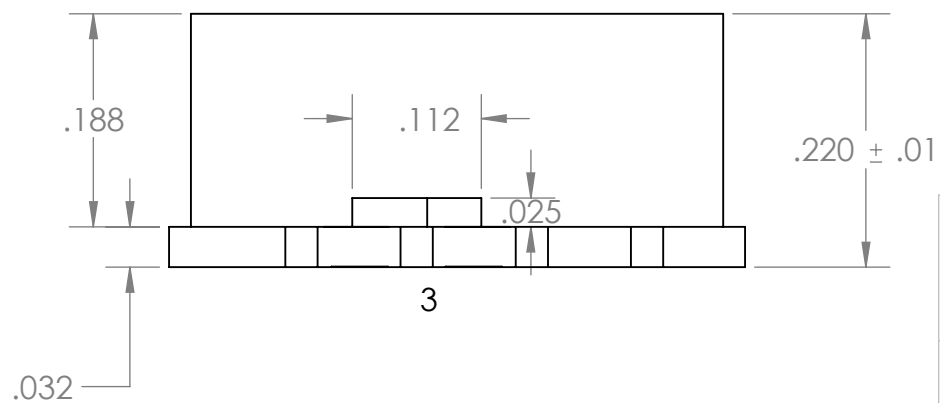
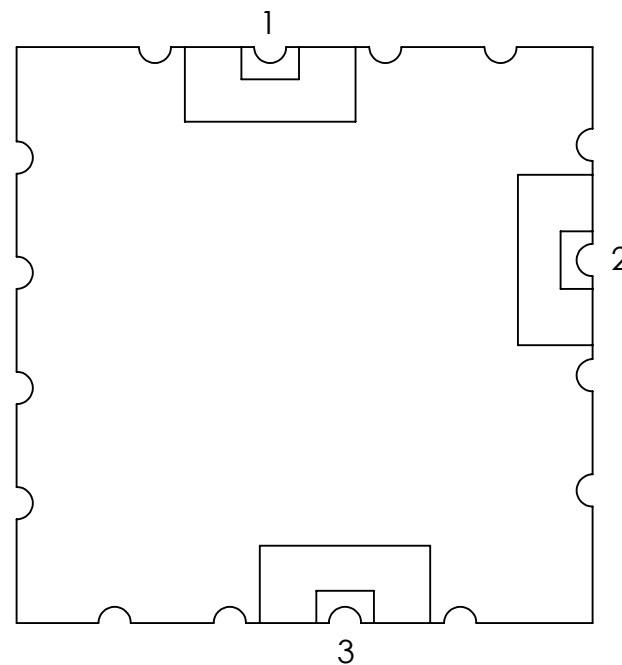
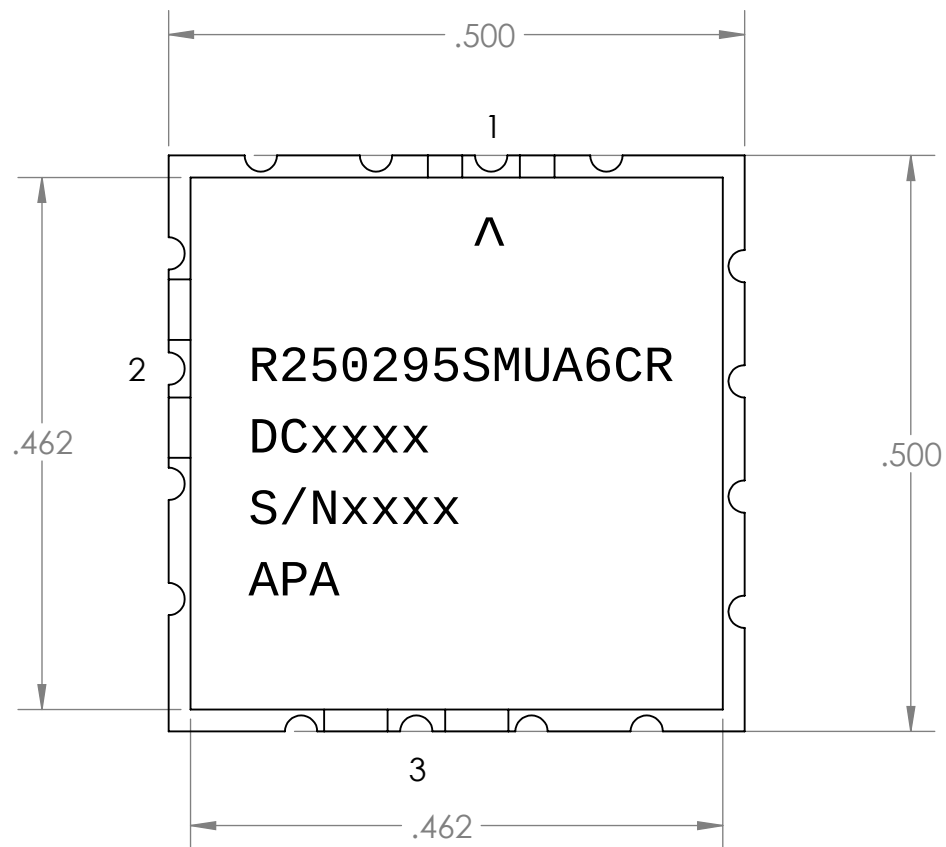




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range	2500		2950	MHz	1	☐	☐
Tuning Voltage	0		15	V	1	☐	☐
Modulation Sensitivity		35		MHz/V	1	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	5	7	9	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-78	-73	dBc/Hz	1	☐	☐
10 KHz Offset		-105	-100	dBc/Hz	1	☐	☐
100 KHz Offset		-125	-120	dBc/Hz	1	☐	☐
1 MHz Offset		-145	-140	dBc/Hz	1	☐	☐
10 MHz Offset		-165	-160	dBc/Hz	1	☐	☐
Pushing		1.5		MHz/V	3	☐	☐
Pulling (12dB RL, any phase)		3		MHz _{p-p}	3	☐	☐
Modulation Bandwidth		1		MHz	4	☐	☐
Tuning Port Capacitance		22		pF	2	☐	☐
Harmonics		-15	-10	dBc	3	☐	☐
Vcc		6.0		V			
Icc		27		mA	1	☐	☐
Operating Temperature	-40		+85	C	3	☐	☐
Package		SMUA			6	☐	☐
LxW		0.500		inch sq.	5	☐	☐
Height		0.220		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



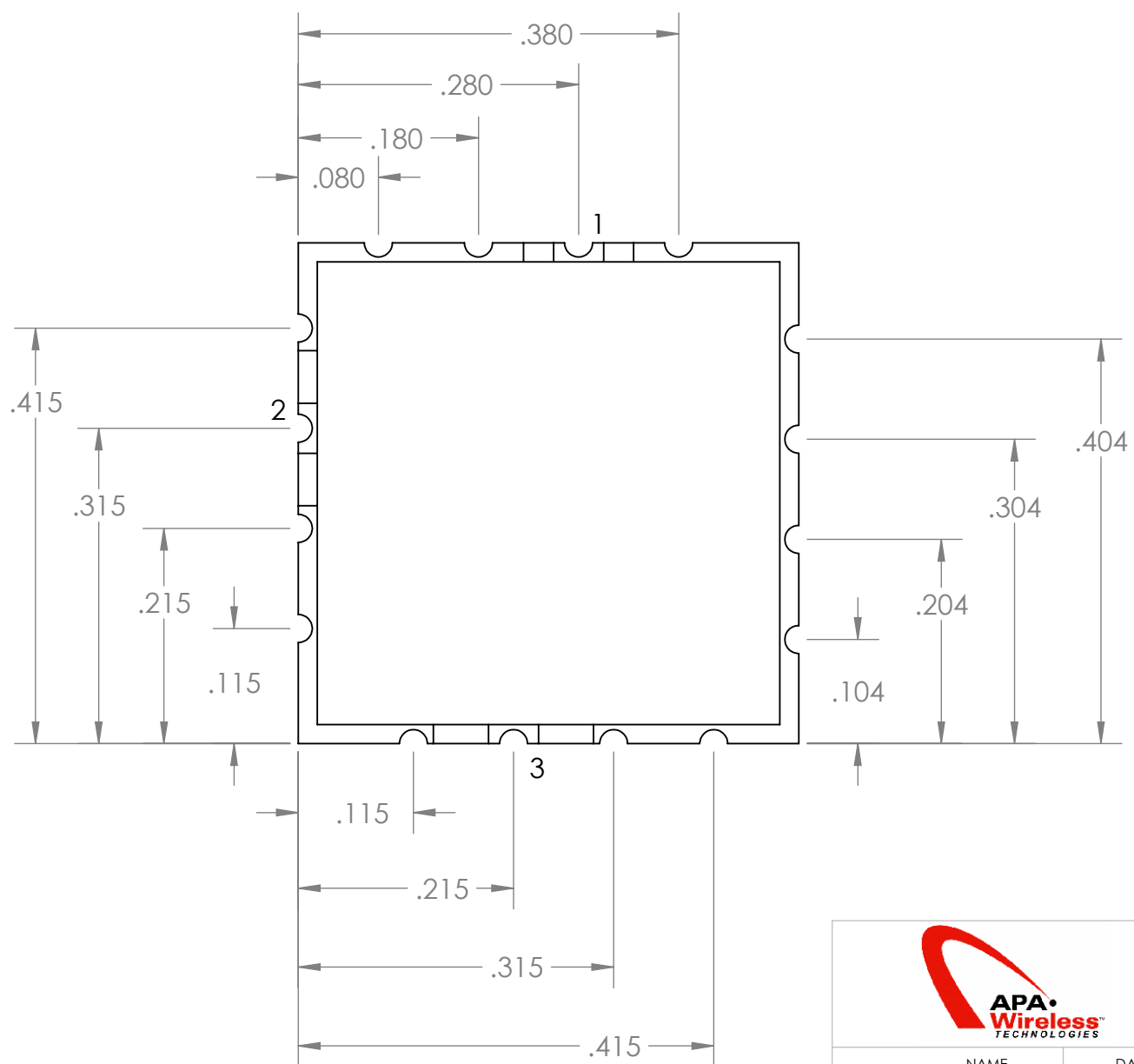
CONTACT ASSIGNMENTS	
1.	RF OUT
2.	VCC
3.	V-TUNE
ALL OTHER CONTACTS ARE GROUND	



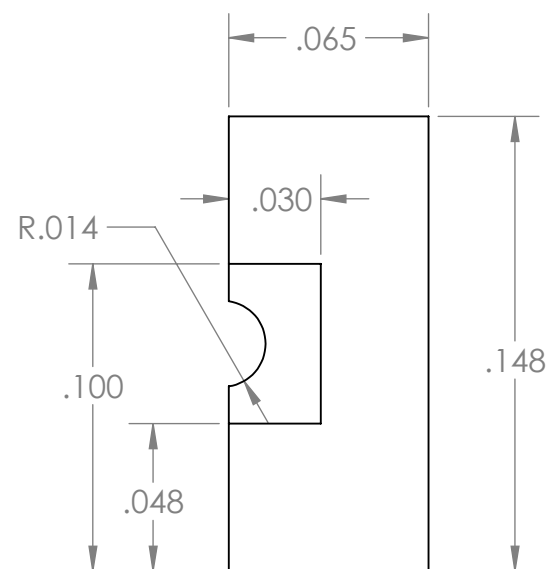
DRAWN	NAME Stefan Babulal	DATE 2/20/2017
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COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

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



CONTACT DIMENSIONS



Scale: 16:1



TITLE:

SMUA PACKAGE

DRAWN

NAME
Stefan Babulal

DATE

2/20/2017

COMMENTS:

All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

SIZE
A

DWG. NO.

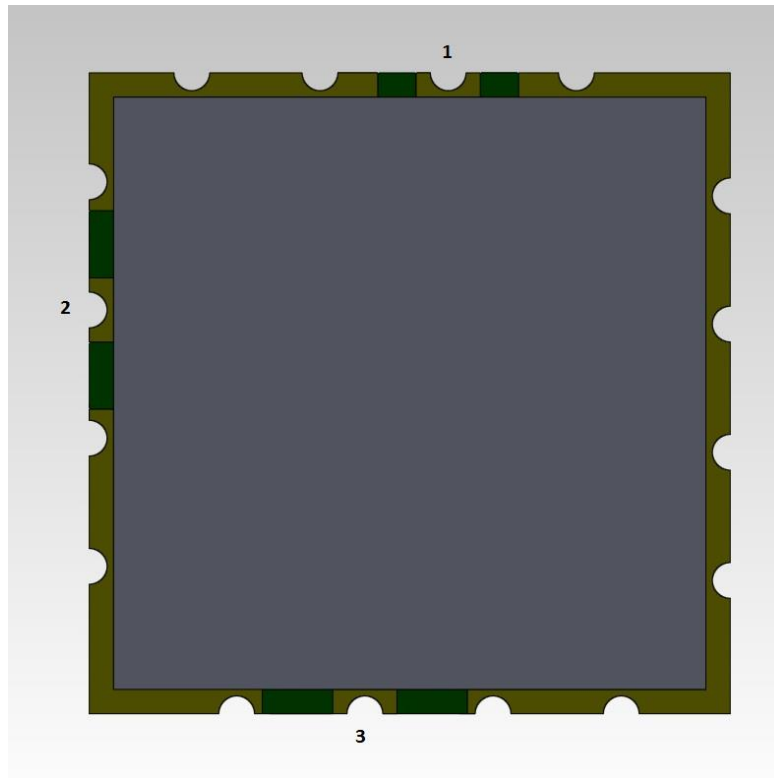
1

REV

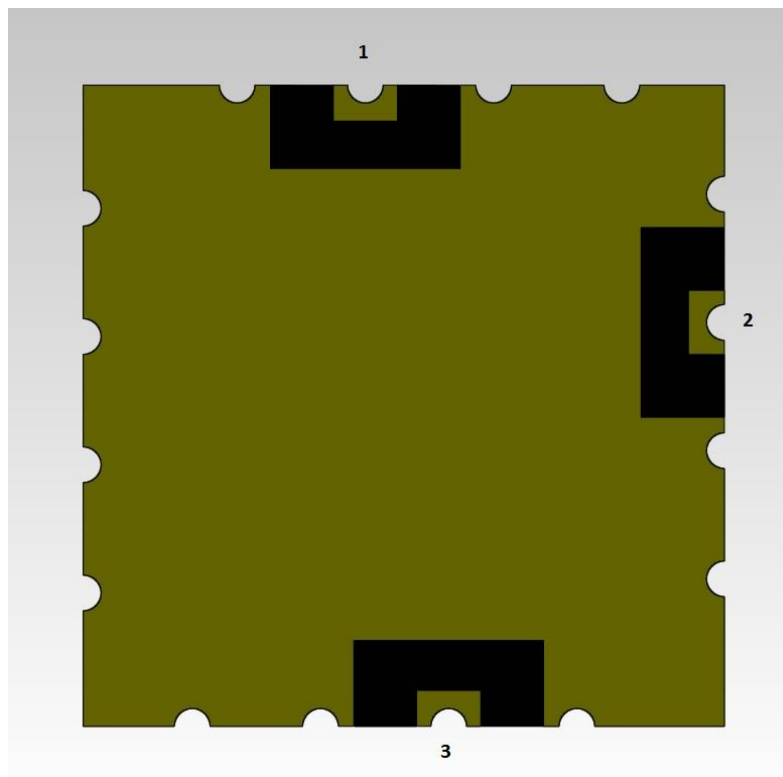
SCALE: 6:1

unit: inch

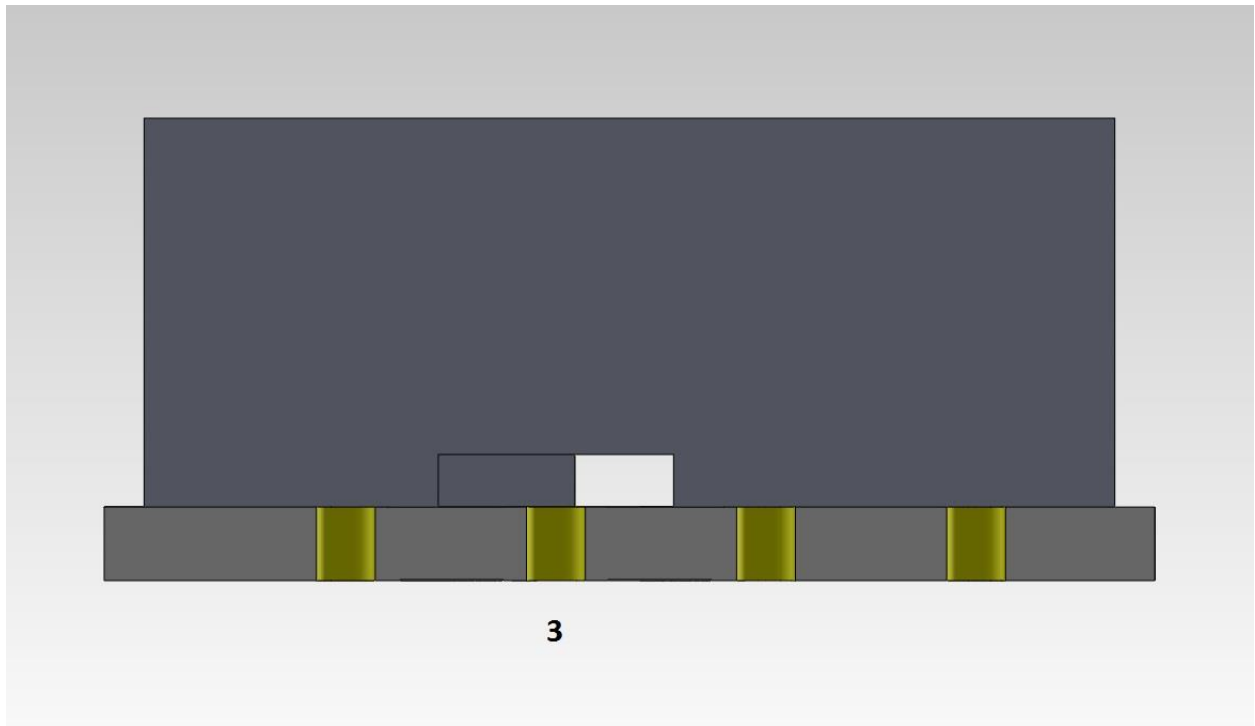
SHEET 2 OF 2



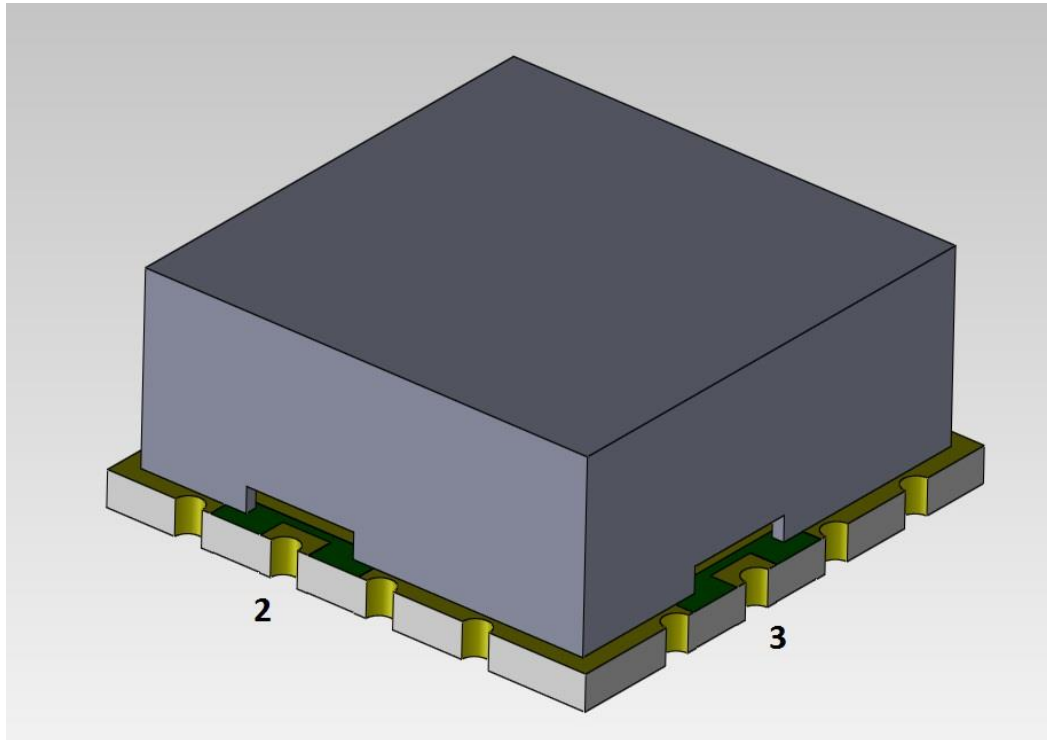
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW