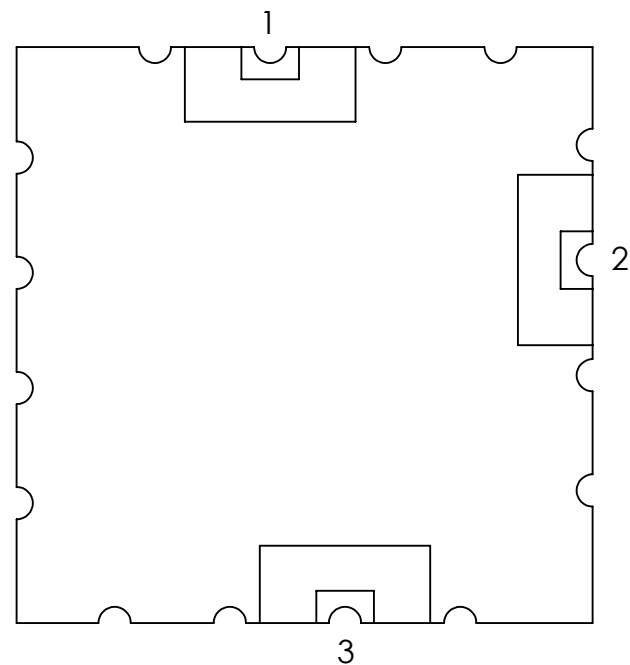
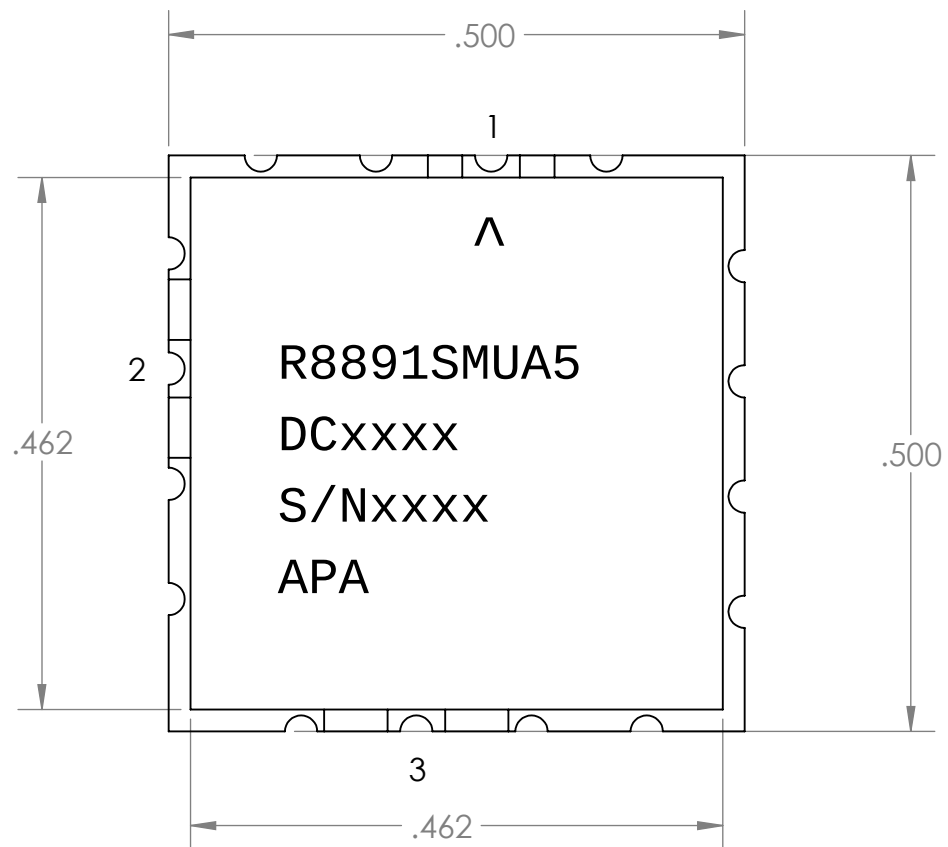




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range	8800		9100	MHz	1	☐	☐
Tuning Voltage	0.0		16.0	V	1,6	☐	☐
Modulation Sensitivity	55		100	MHz/V	1,6	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	5	7	9	dBm	1,6	☐	☐
Phase Noise @							
1 KHz Offset		-50		dBc/Hz	1,6	☐	☐
10 KHz Offset		-80		dBc/Hz	1,6	☐	☐
100 KHz Offset		-100		dBc/Hz	1,6	☐	☐
1MHz Offset		-120		dBc/Hz	1,6	☐	☐
10 MHz Offset		-140		dBc/Hz	1,6	☐	☐
Pushing			10	MHz/V	3,6	☐	☐
Pulling (12 dB R.L.)			10	MHz	3,6	☐	☐
Modulation Bandwidth		1		MHz	4	☐	☐
Tuning Port Capacitance		47		pF	2	☐	☐
Harmonics			-10	dBc	3	☐	☐
Vcc	4.75	5.00	5.25	V	1		
Icc		35		mA	1,6	☐	☐
Operating Temperature	-40		+85	C	3	☐	☐
Storage Temperature	-40		+125	C	3	☐	☐
Package		SMUA			7		
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. Design goal subject to change
7. RoHS compliant



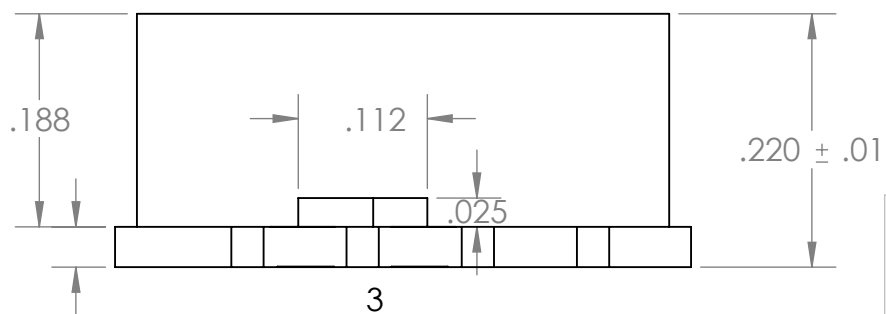
CONTACT ASSIGNMENTS

1. RF OUT

2. VCC

3. V-TUNE

ALL OTHER CONTACTS ARE
GROUND



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.

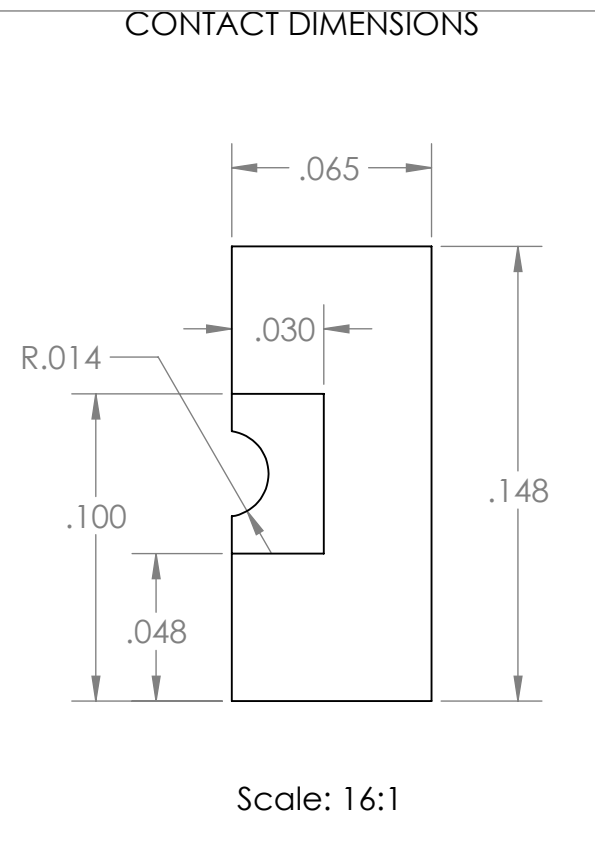
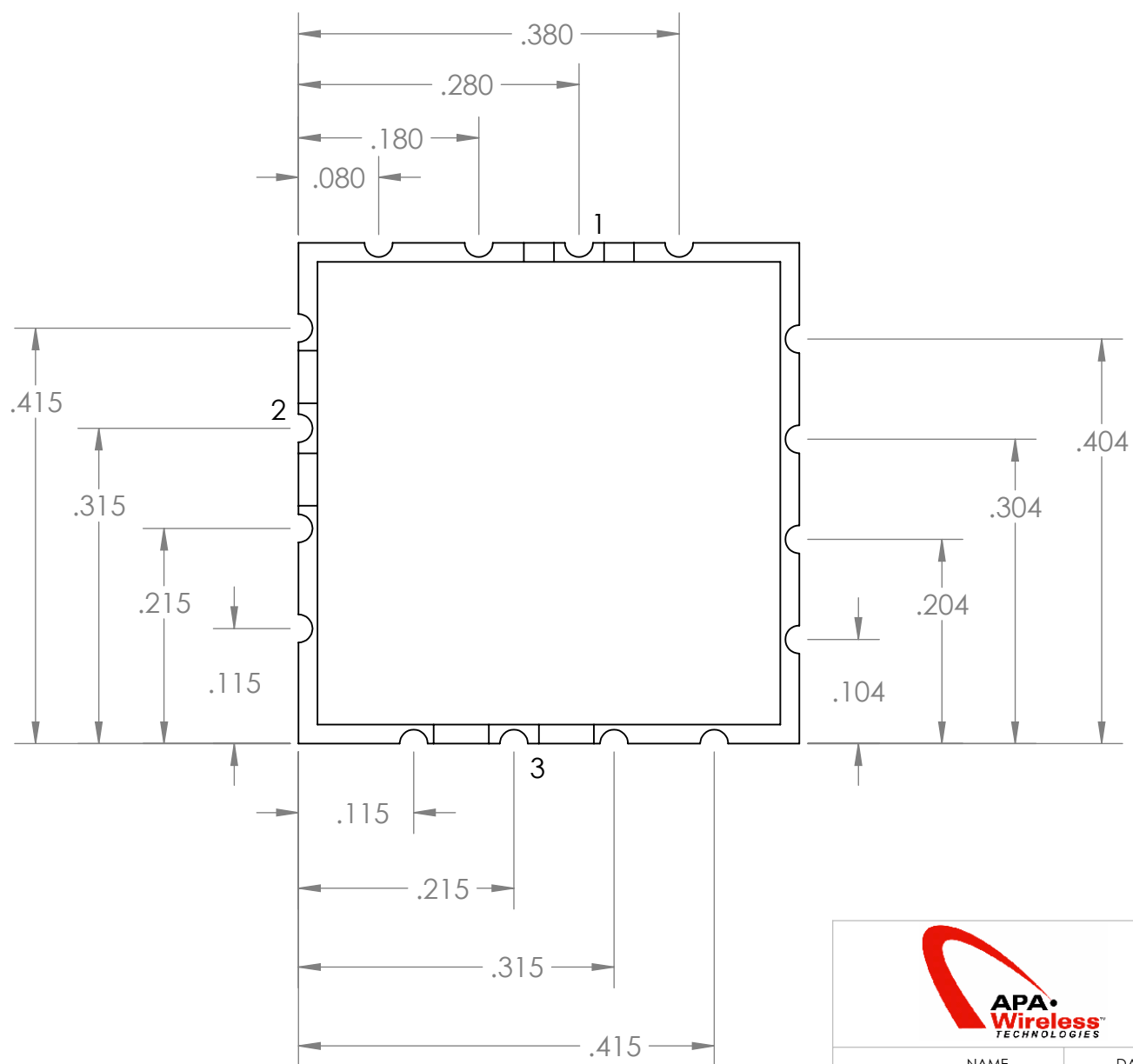
1

REV

SCALE: 6:1

unit: inch

SHEET 1 OF 2



TITLE:

SMUA PACKAGE

DRAWN

NAME
Stefan Babulal

DATE

2/20/2017

SIZE
A

DWG. NO.

1

REV

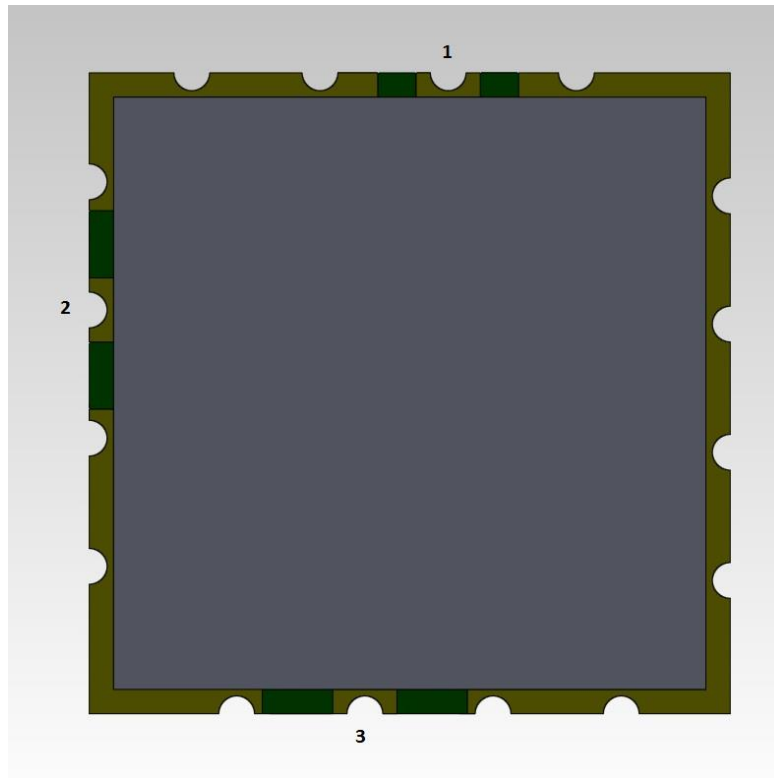
COMMENTS:

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

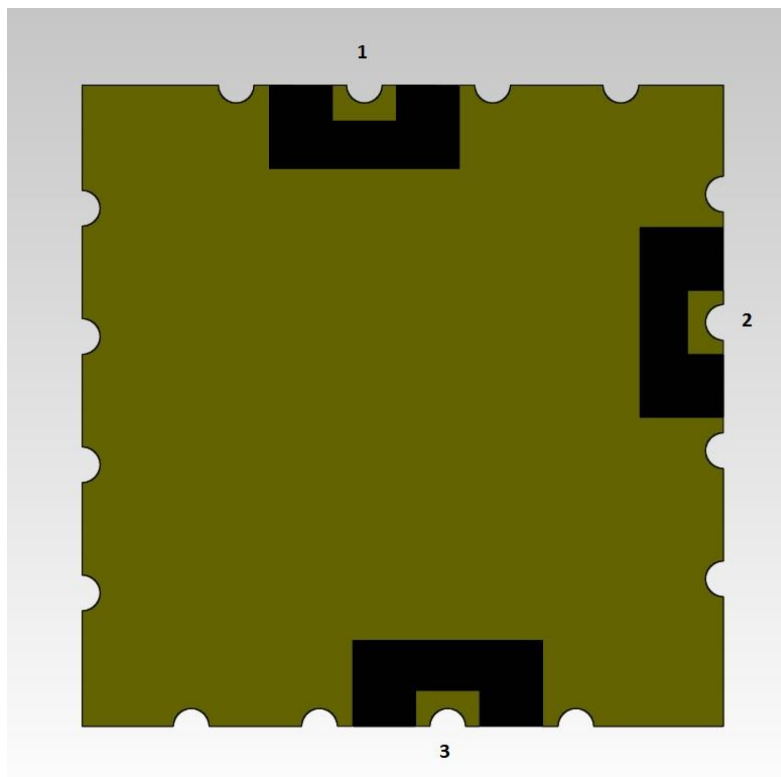
SCALE: 6:1

unit: inch

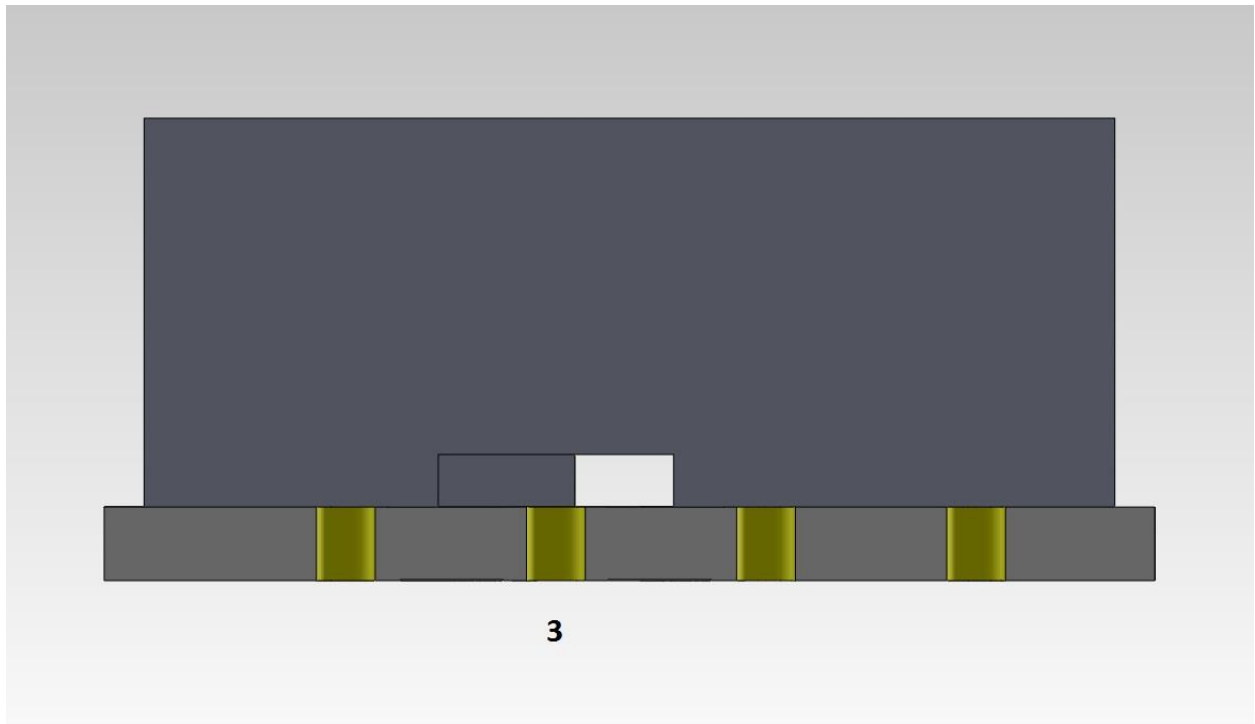
SHEET 2 OF 2



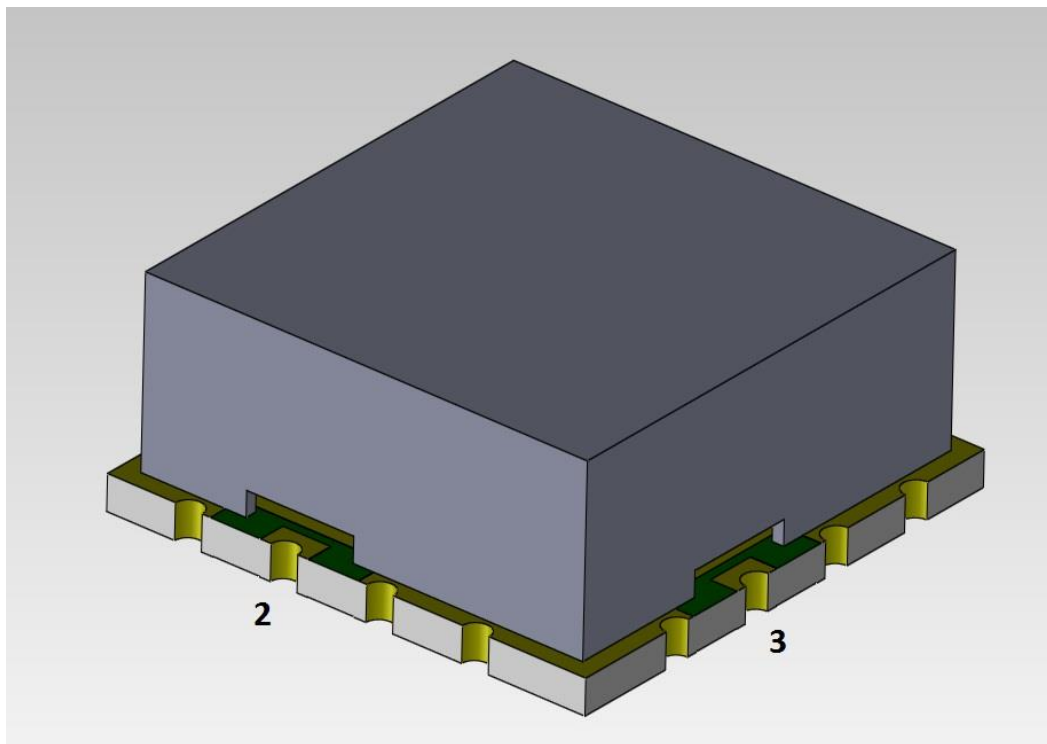
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW