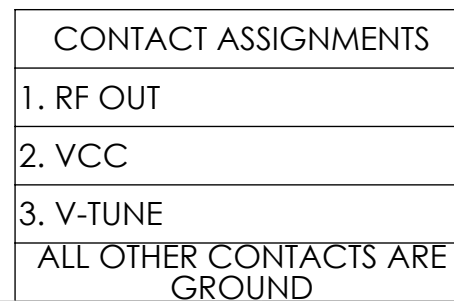
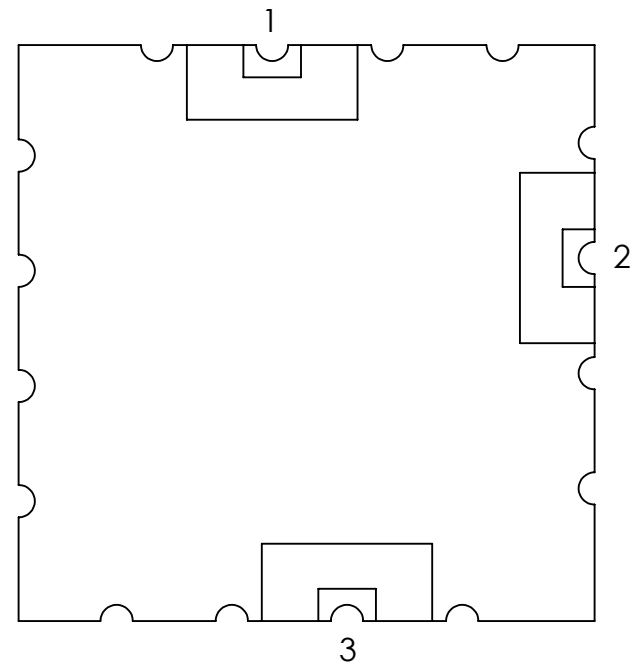




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range		1920		MHz	1	..	..
Tuning Voltage	1.5		7	V	1	..	..
Modulation Sensitivity	1	1.5	3	MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	4.5	6.5	8.5	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-93		dBc/Hz	1	..	..
10 KHz Offset		-119		dBc/Hz	1	..	..
100 KHz Offset		-139		dBc/Hz	1	..	..
1 MHz Offset		-158		dBc/Hz	1	..	..
10 MHz Offset		-169		dBc/Hz	1	..	..
Pushing		0.5		MHz/V	3	..	..
Pulling (12dB RL, any phase)		1		MHz _{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		47		pF	2	..	..
Harmonics		-15	-10	dBc	3	..	..
Vcc		6.0		V		..	..
Icc		30		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. Foam Filled
8. Conformal Coated
9. Foam Filled and Conformal Coated



TITLE:	
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SMUA PACKAGE

DATE
2/20/2017

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

SIZE
A

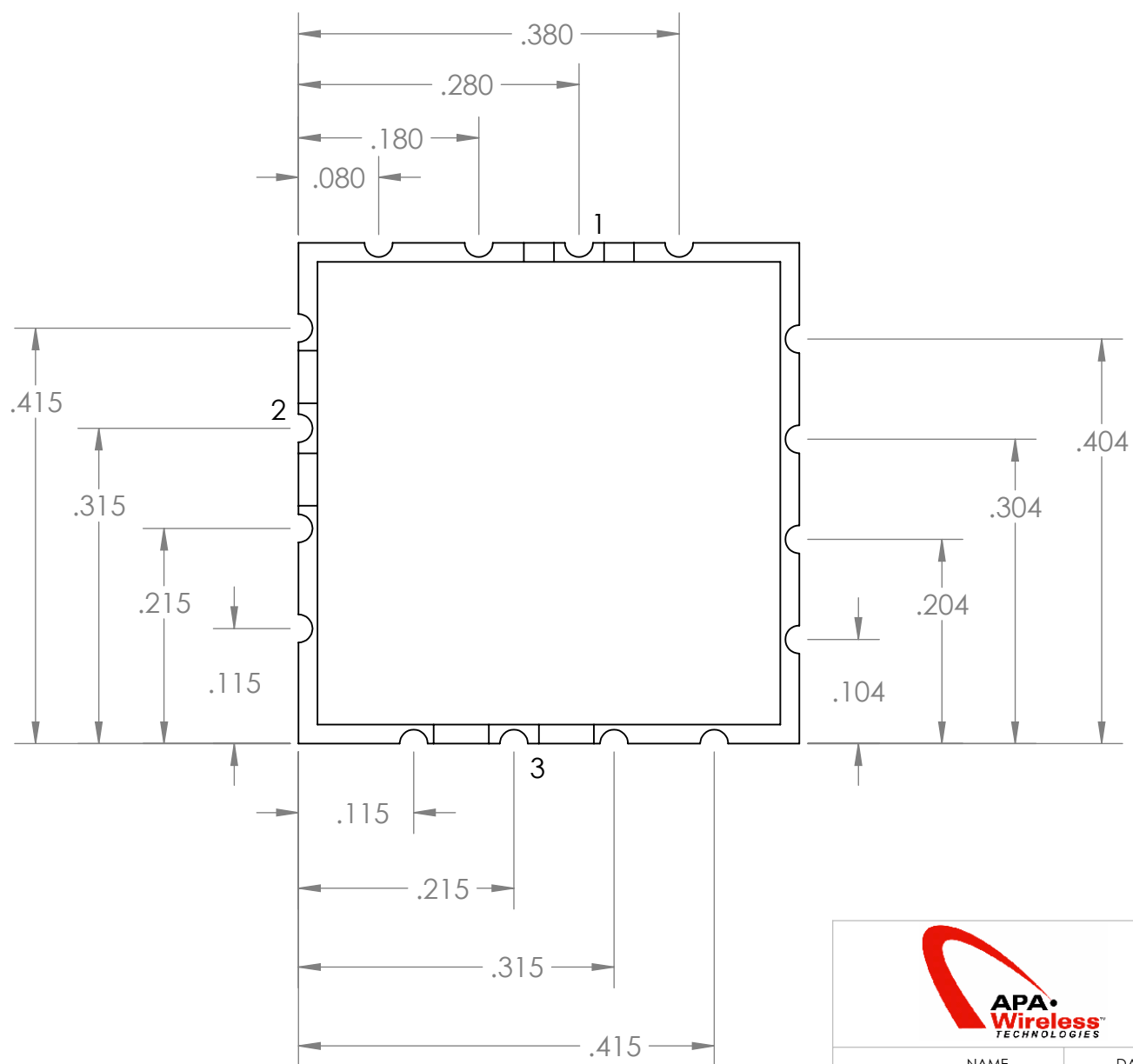
DWG. NO.	
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REV

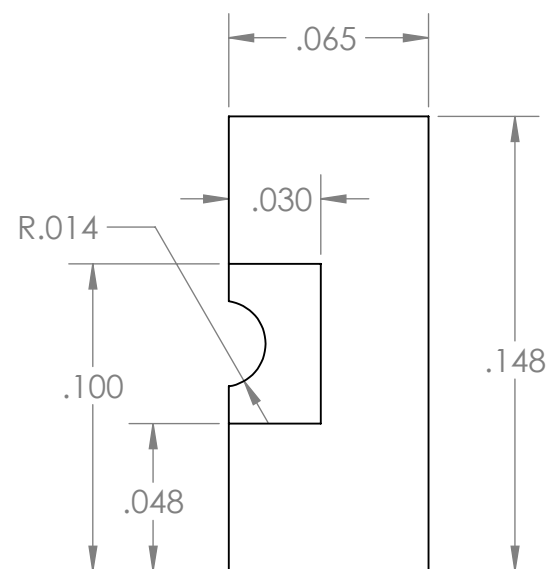
SCALE: 6:1

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.

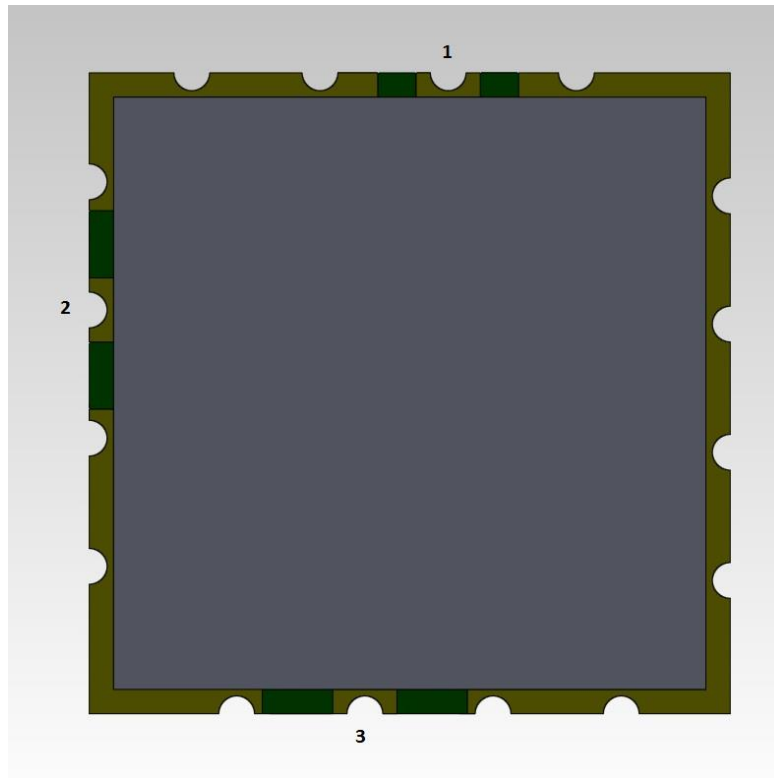
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REV

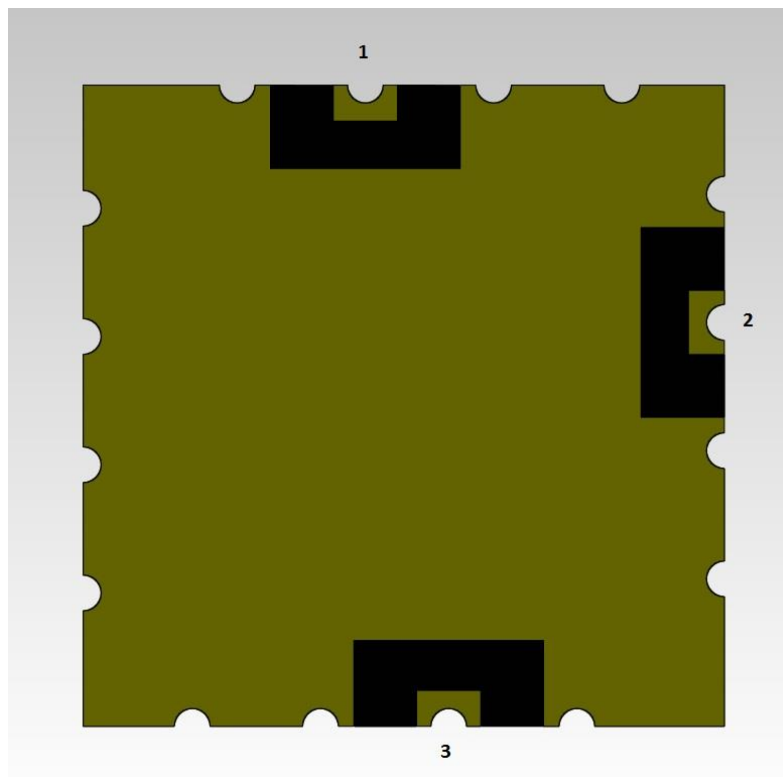
SCALE: 6:1

unit: inch

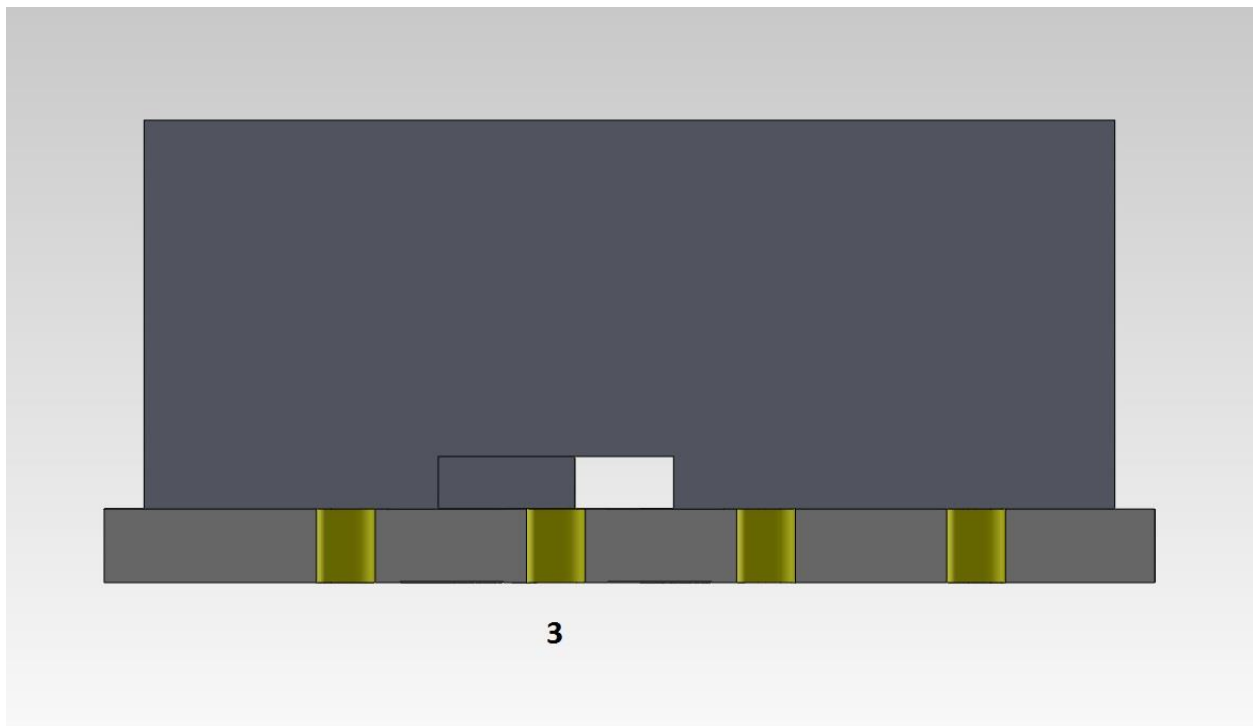
SHEET 2 OF 2



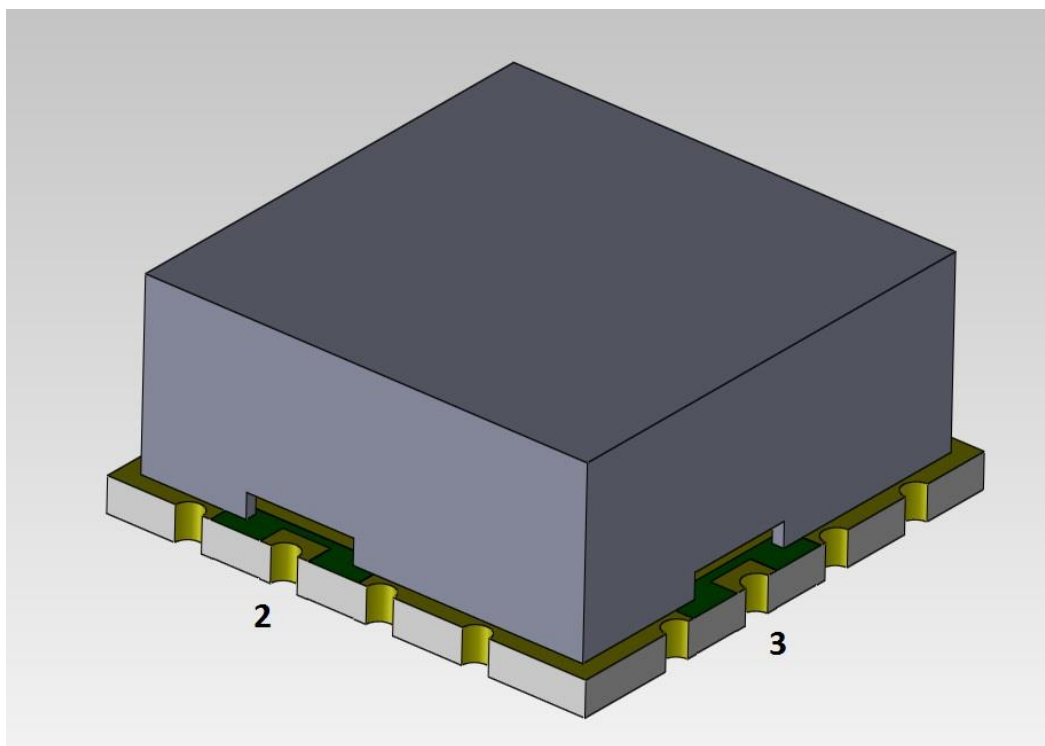
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW