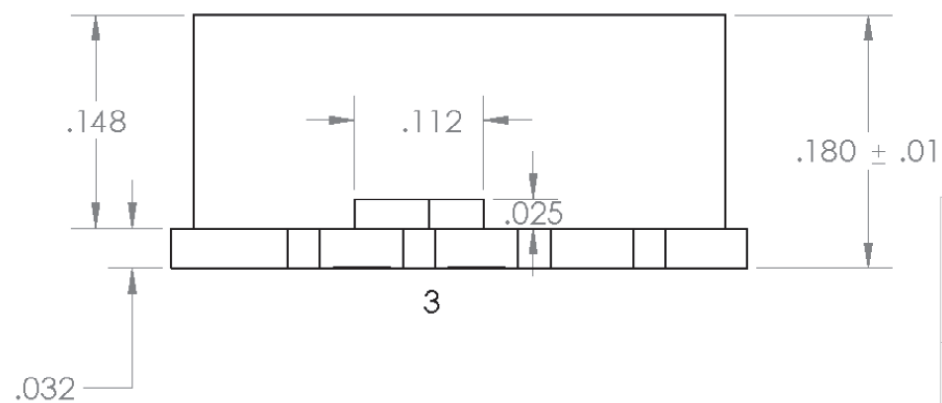
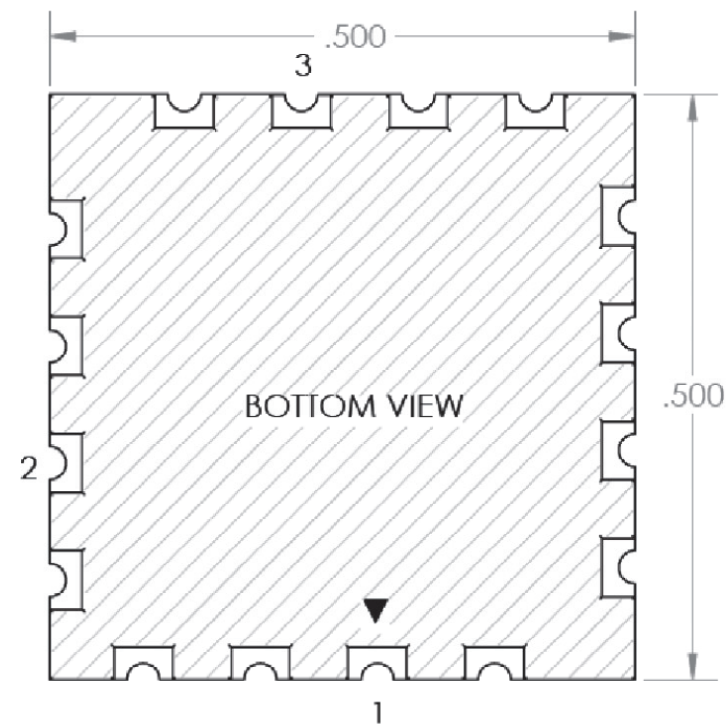
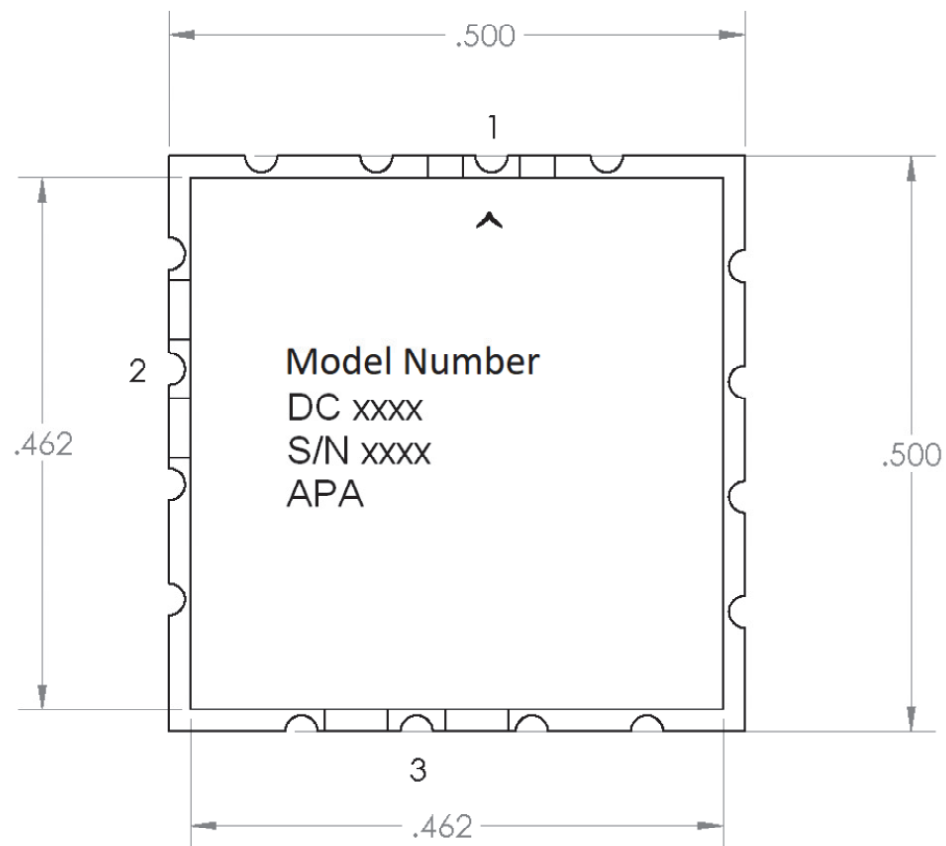




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range	4100		4400	MHz	1	☐	☐
Tuning Voltage	0.5		8	V	1	☐	☐
Modulation Sensitivity		50.0		MHz/V	1,7	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	-1.5	0.5	2.5	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-76	-71	dBc/Hz	1,7	☐	☐
10 KHz Offset		-103	-98	dBc/Hz	1,7	☐	☐
100 KHz Offset		-123	-118	dBc/Hz	1,7	☐	☐
1 MHz Offset		-143	-138	dBc/Hz	1,7	☐	☐
10 MHz Offset		-163	-158	dBc/Hz	1,7	☐	☐
Pushing		2.5		MHz/V	3,7	☐	☐
Pulling (12dB RL, any phase)		1.5		MHz _{p-p}	3,7	☐	☐
Modulation Bandwidth		85		MHz	4	☐	☐
Tuning Port Capacitance	10	TBD	TBD	pF	2	☐	☐
Harmonics		-24	-15	dBc	3,7	☐	☐
Vcc		8.0		V		☐	☐
Icc		35	TBD	mA	1,7	☐	☐
Operating Temperature	-40		+85	C	3	☐	☐
Package		SMUAM			6,8	☐	☐
LxW		0.500		inch sq.	5	☐	☐
Height		0.180		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
8. Package has solder mask on the bottom



 - Hatched area= solder mask

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:

SMUAM PACKAGE

SIZE
A

DWG. NO.

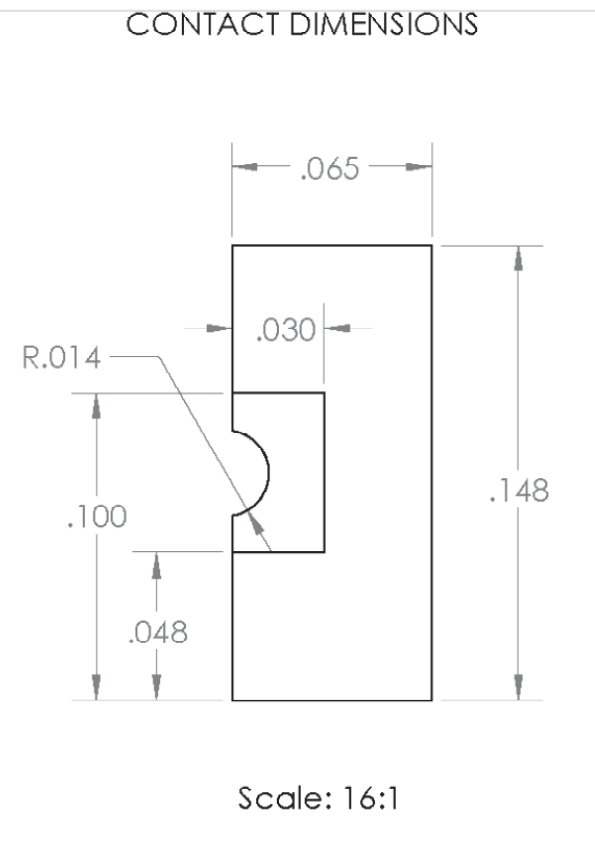
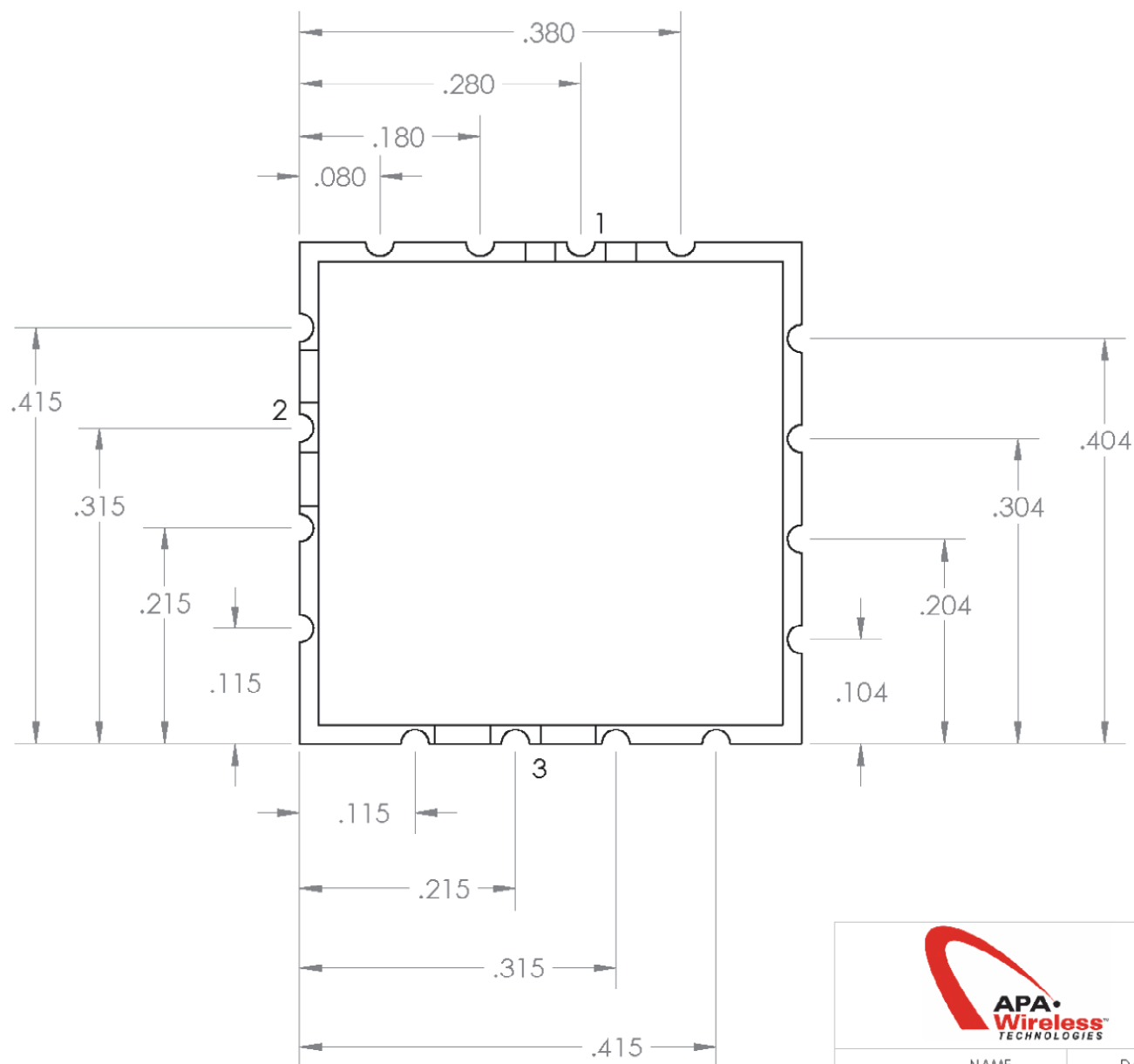
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REV

SCALE: 6:1

unit: inch

SHEET 1 OF 2



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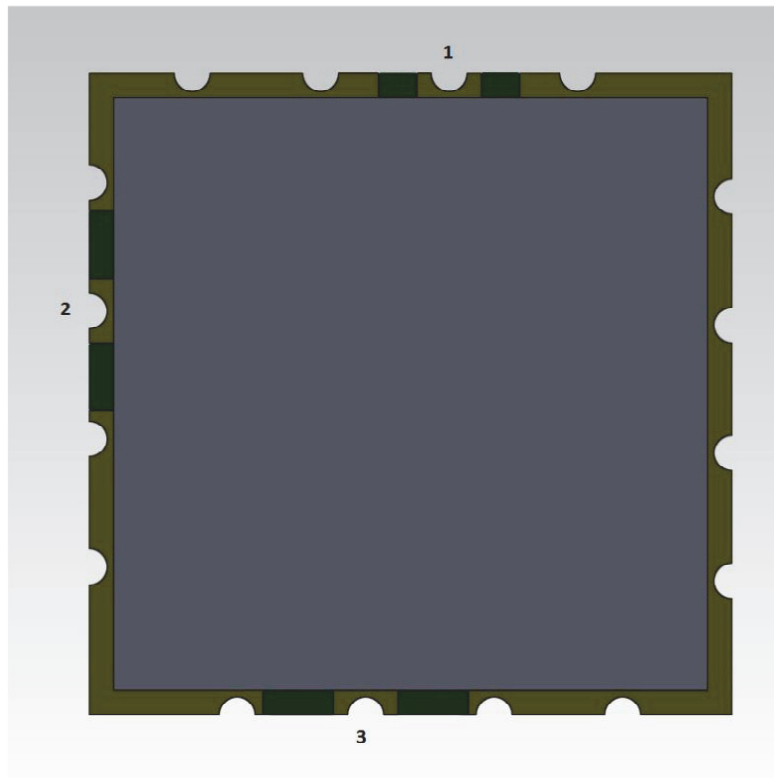
COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

TITLE:

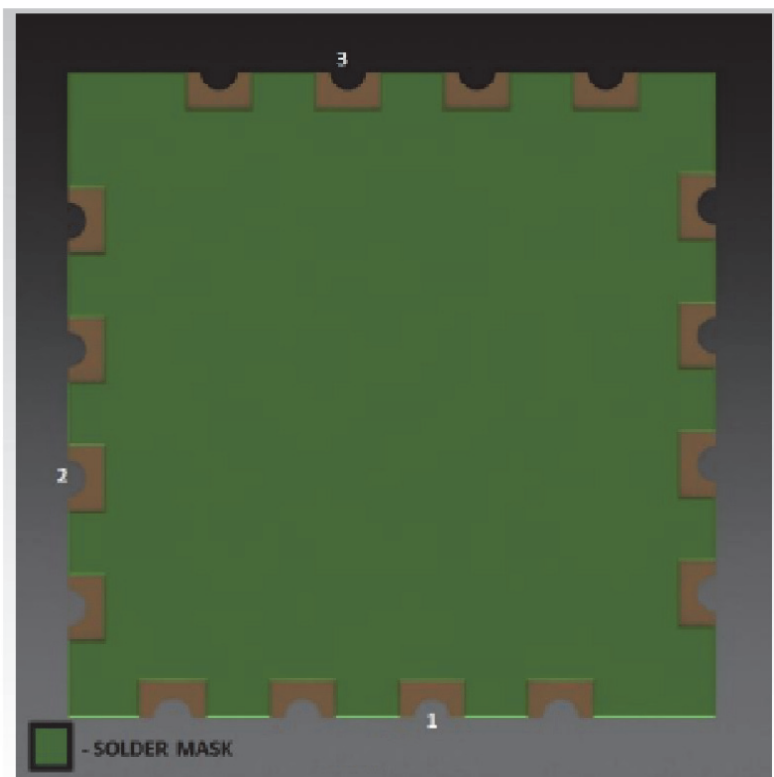
SMUAM PACKAGE

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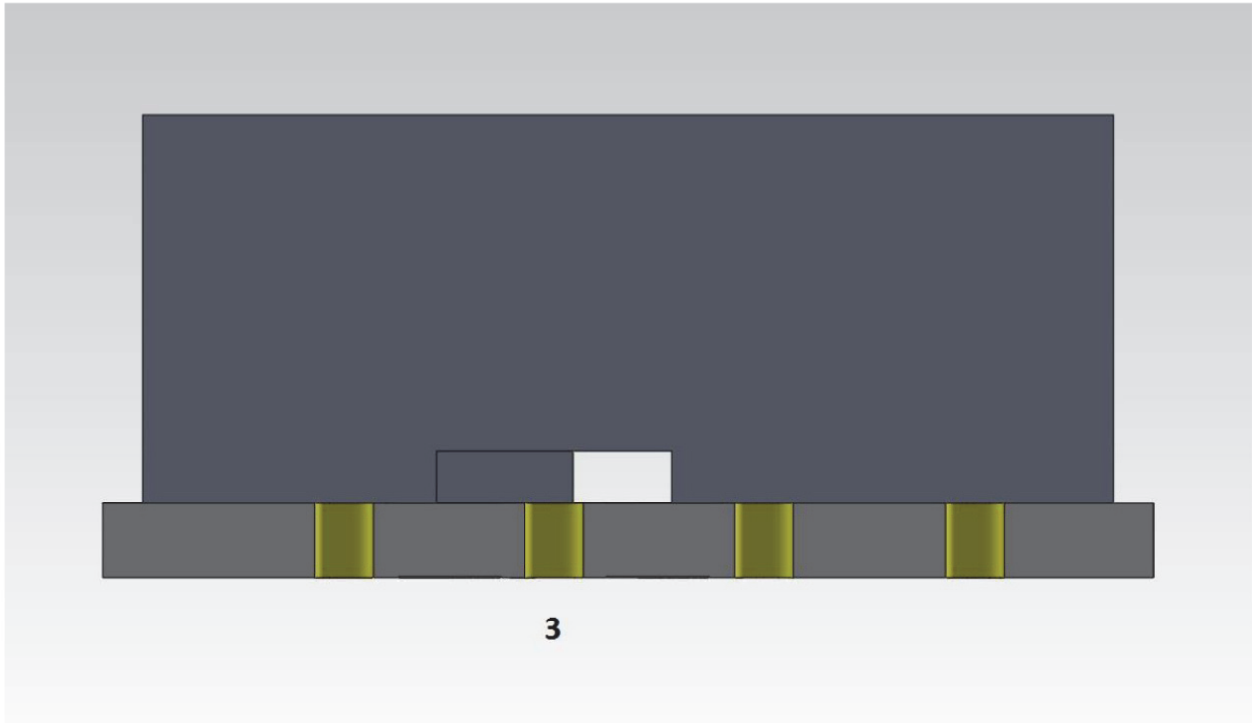
SCALE: 6:1	unit: inch	SHEET 2 OF 2
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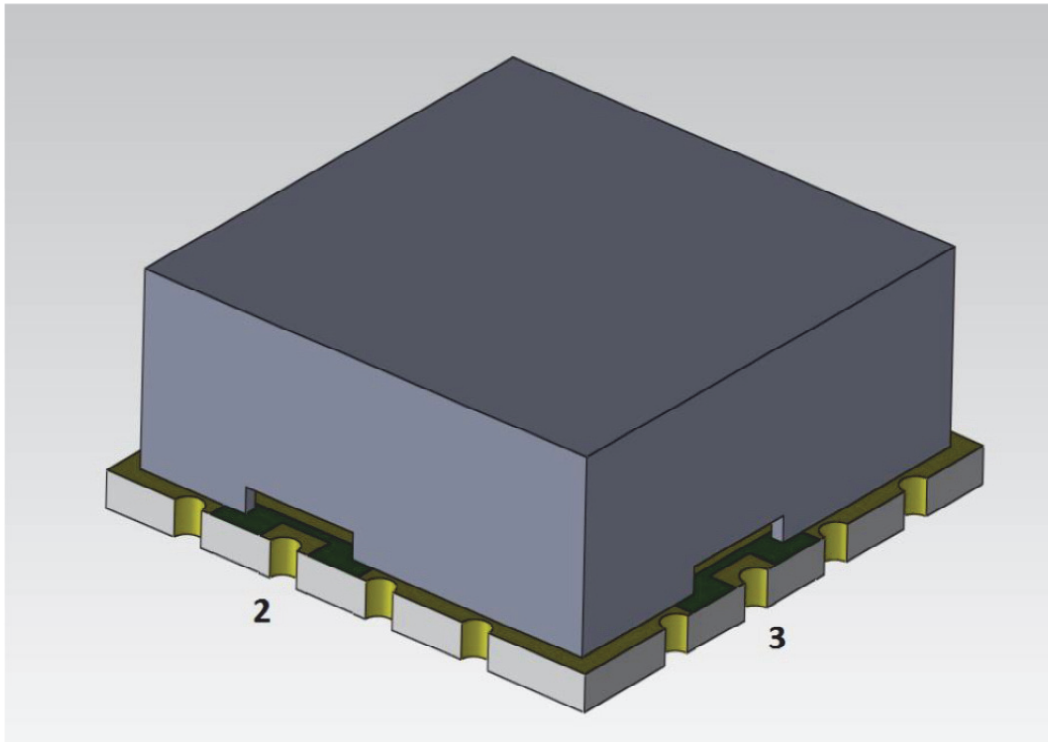
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW