

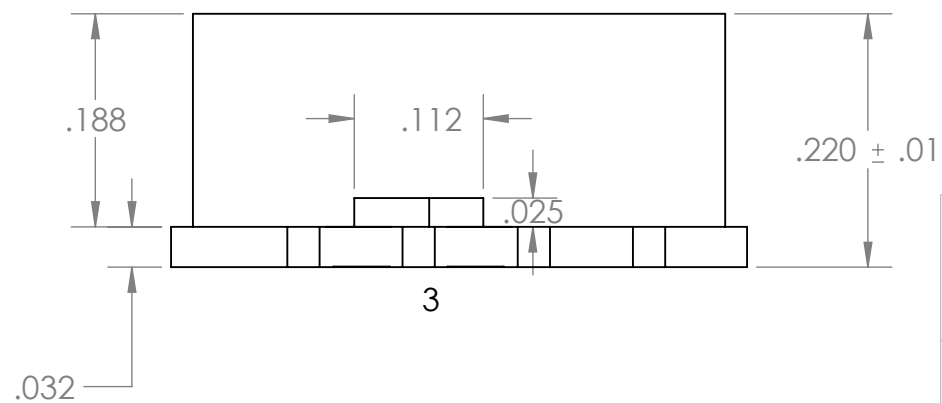
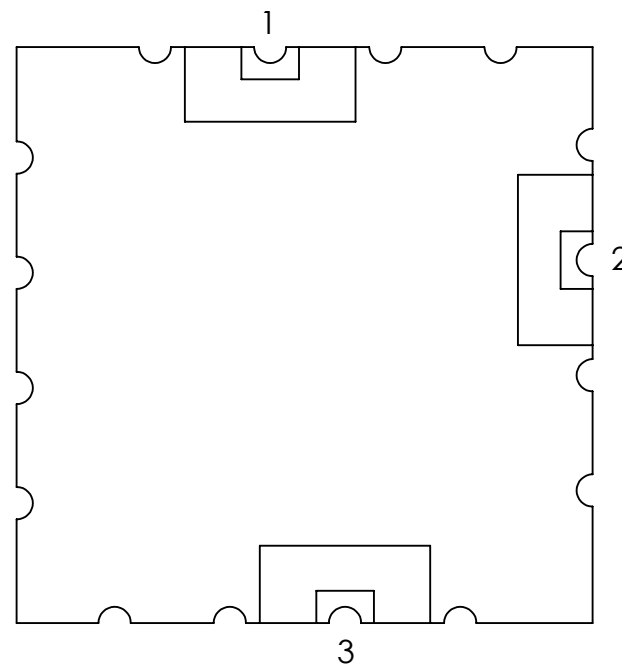
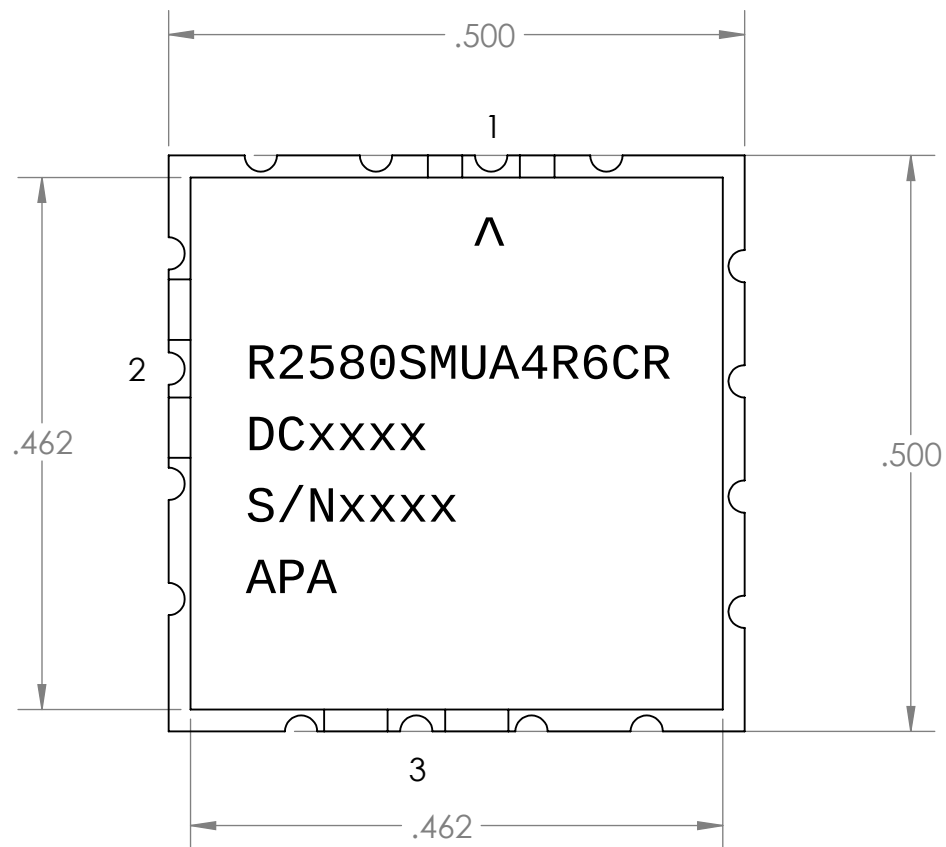


VCO R2580SMUA4R6CR	
ROHS	COMPLIANT
rev_0	initial rev

	<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		2580		MHz	1	☐	☐
Tuning Voltage	0.8		4.3	V	1	☐	☐
Modulation Sensitivity	2	4	6	MHz/V	1	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	4	6	8	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-92	-88	dBc/Hz	1	☐	☐
10 KHz Offset		-117	-113	dBc/Hz	1	☐	☐
100 KHz Offset		-137	-133	dBc/Hz	1	☐	☐
1MHz Offset		-157	-153	dBc/Hz	1	☐	☐
10 MHz Offset		-159	-155	dBc/Hz	1	☐	☐
Pushing		1.5	3	MHz/V	3		☐
Pulling (12 dB R.L.)		2	4	MHz	3		☐
Modulation Bandwidth		1		MHz	4		
Tuning Port Capacitance		47		pF	2		
Harmonics			-10	dBc	3		☐
Vcc		4.6		V	1		☐
Icc		28		mA	1	☐	☐
Operating Temperature	-40		+85	C	3		☐
Package		SMUA					
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



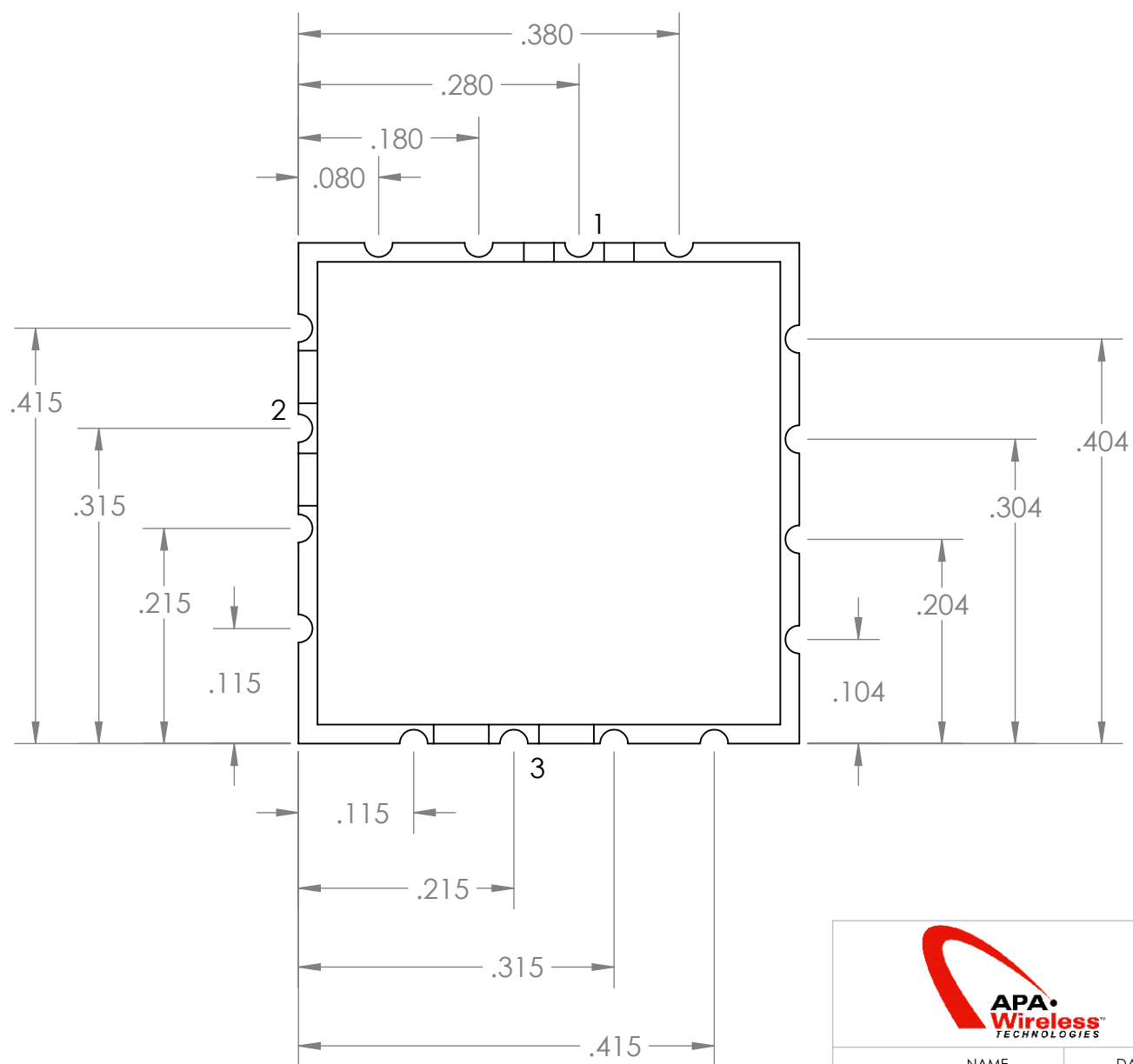
CONTACT ASSIGNMENTS	
1.	RF OUT
2.	VCC
3.	V-TUNE
ALL OTHER CONTACTS ARE GROUND	



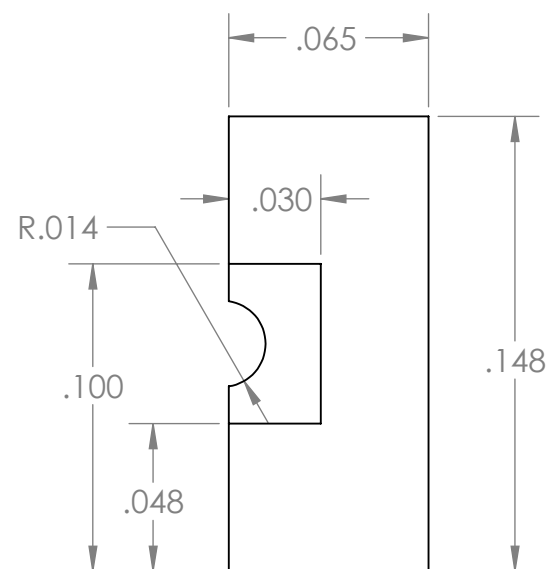
DRAWN	NAME Stefan Babulal	DATE 2/20/2017
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COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

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



CONTACT DIMENSIONS



Scale: 16:1



DRAWN NAME
Stefan Babulal

DATE
2/20/2017

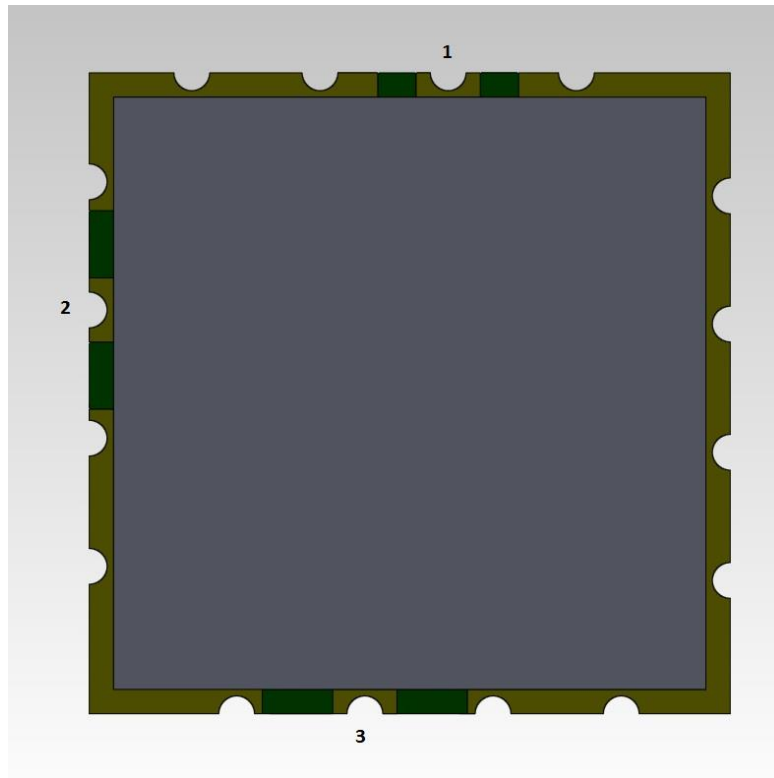
COMMENTS:
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TITLE:

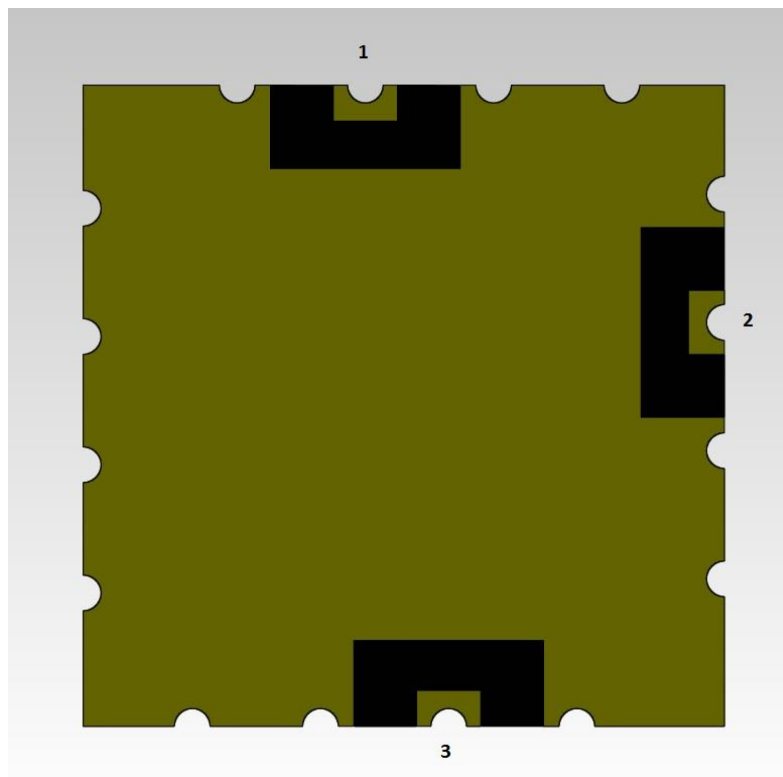
SMUA PACKAGE

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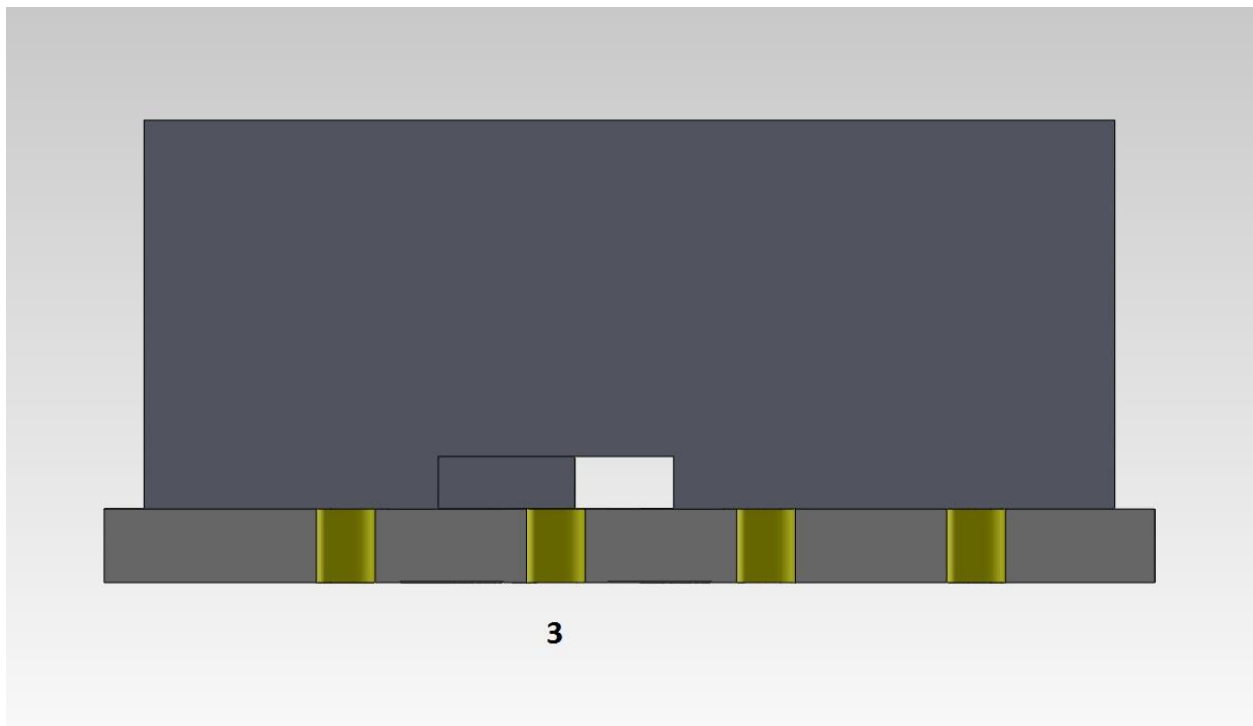
SCALE: 6:1	unit: inch	SHEET 2 OF 2
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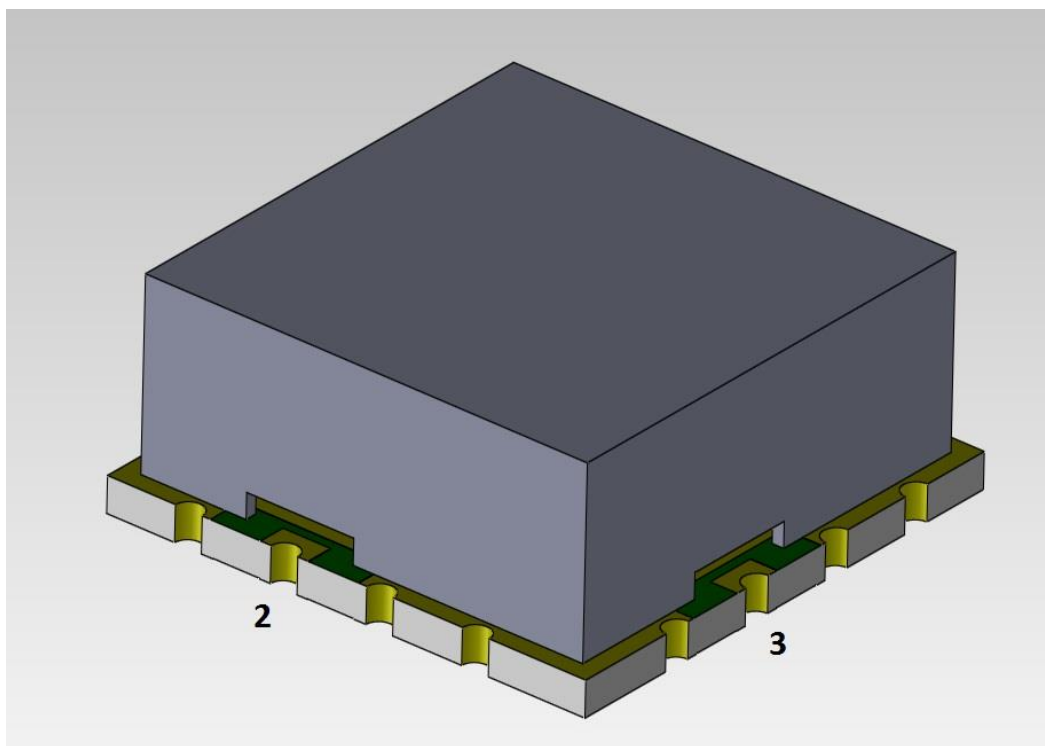
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW