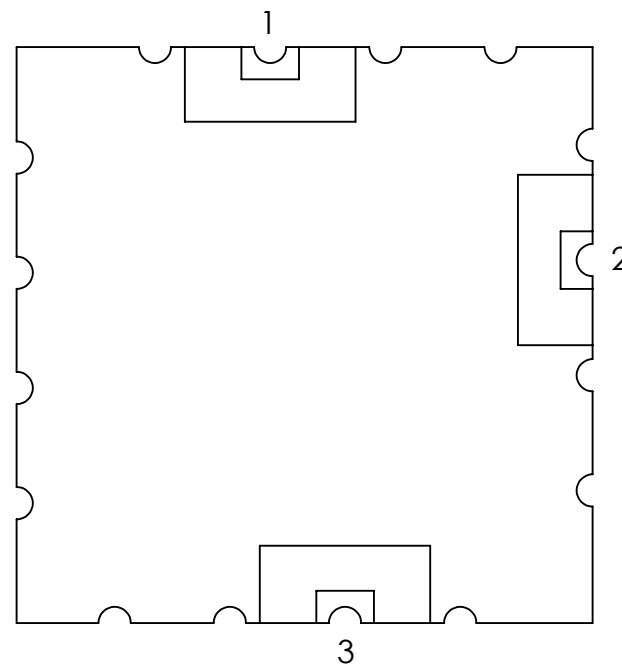
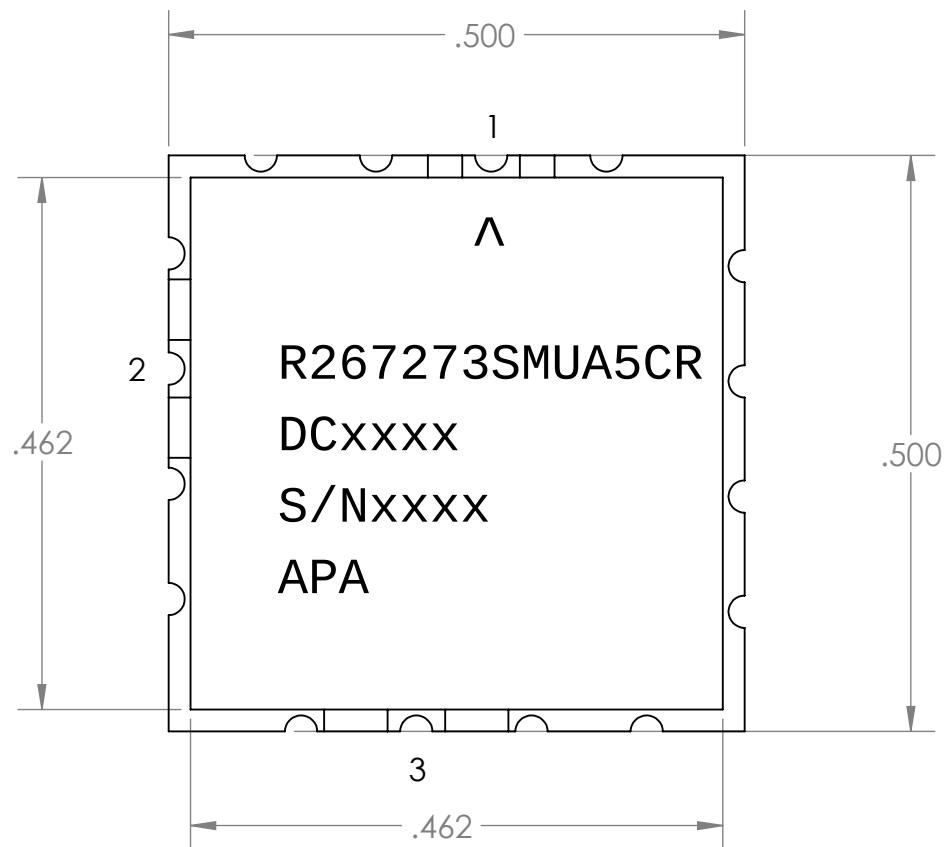




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production</u> <u>Test</u>	<u>First Article</u> <u>Test</u>
Frequency Range	2670		2730	MHz	1	..	..
Tuning Voltage	0.5		4.5	V	1	..	..
Modulation Sensitivity		25		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	4	6	8	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-87	-82	dBc/Hz	1	..	..
10 KHz Offset		-113	-108	dBc/Hz	1	..	..
100 KHz Offset		-133	-128	dBc/Hz	1	..	..
1MHz Offset		-153	-148	dBc/Hz	1	..	..
10 MHz Offset		-164	-155	dBc/Hz	1	..	..
Pushing		0.4	1.5	MHz/V	3		..
Pulling (12 dB R.L.)		0.4	1	MHz	3		..
Modulation Bandwidth		1		MHz	4		
Tuning Port Capacitance		47		pF	2		
Harmonics		-15	-10	dBc	3		..
Vcc		5		V	5		..
Icc		27		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

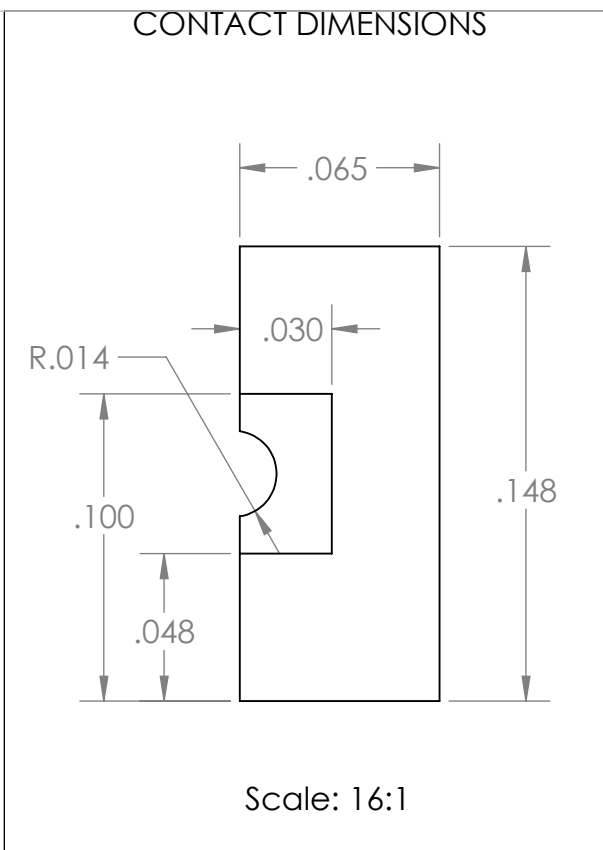


CONTACT ASSIGNMENTS	
1.	RF OUT
2.	VCC
3.	V-TUNE
ALL OTHER CONTACTS ARE GROUND	



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

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



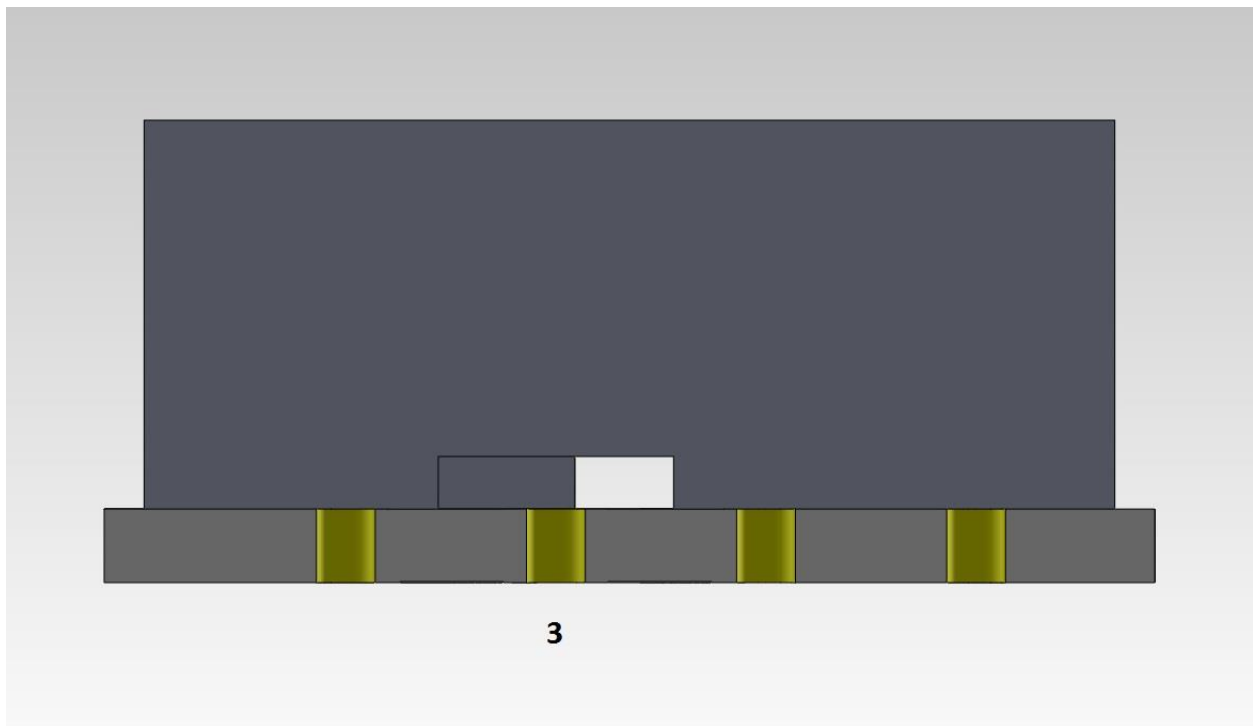
APA Wireless Technologies		TITLE: SMUA PACKAGE		
DRAWN Stefan Babulal	NAME Stefan Babulal	DATE 2/20/2017	SIZE A	DWG. NO. 1
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted			REV	SHEET 2 OF 2
SCALE: 6:1		unit: inch	SHEET 2 OF 2	



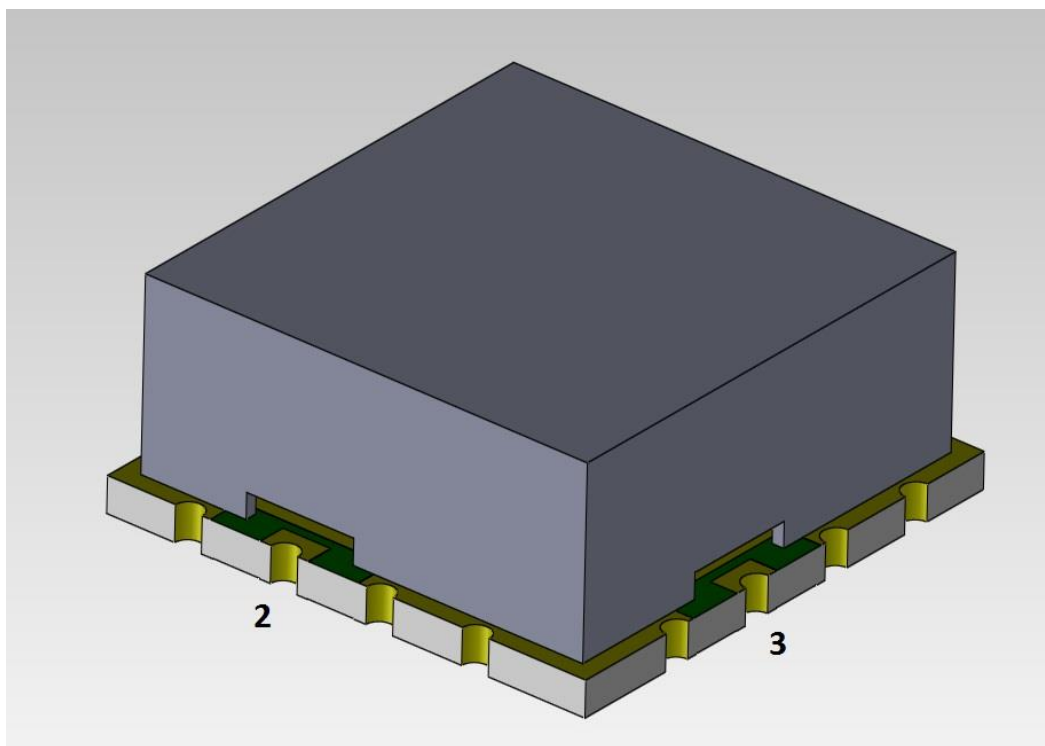
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW