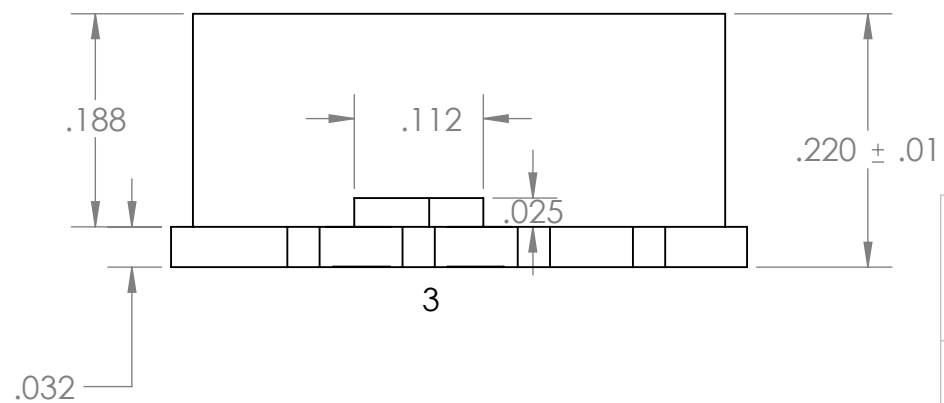
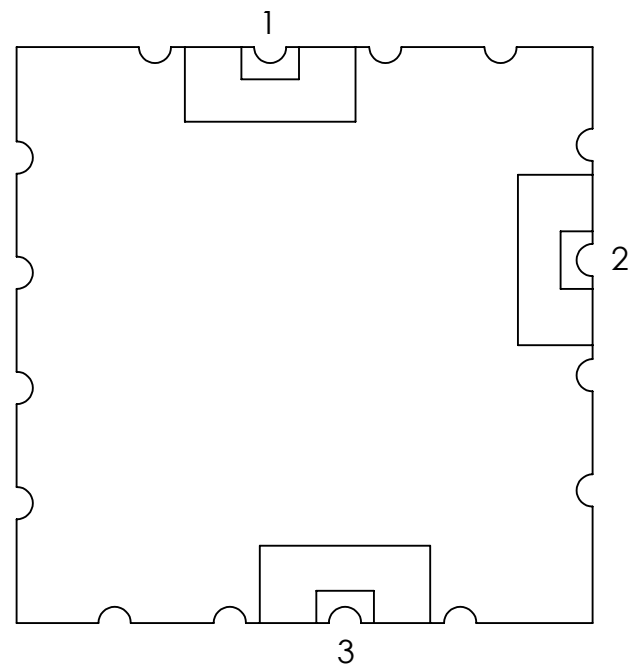
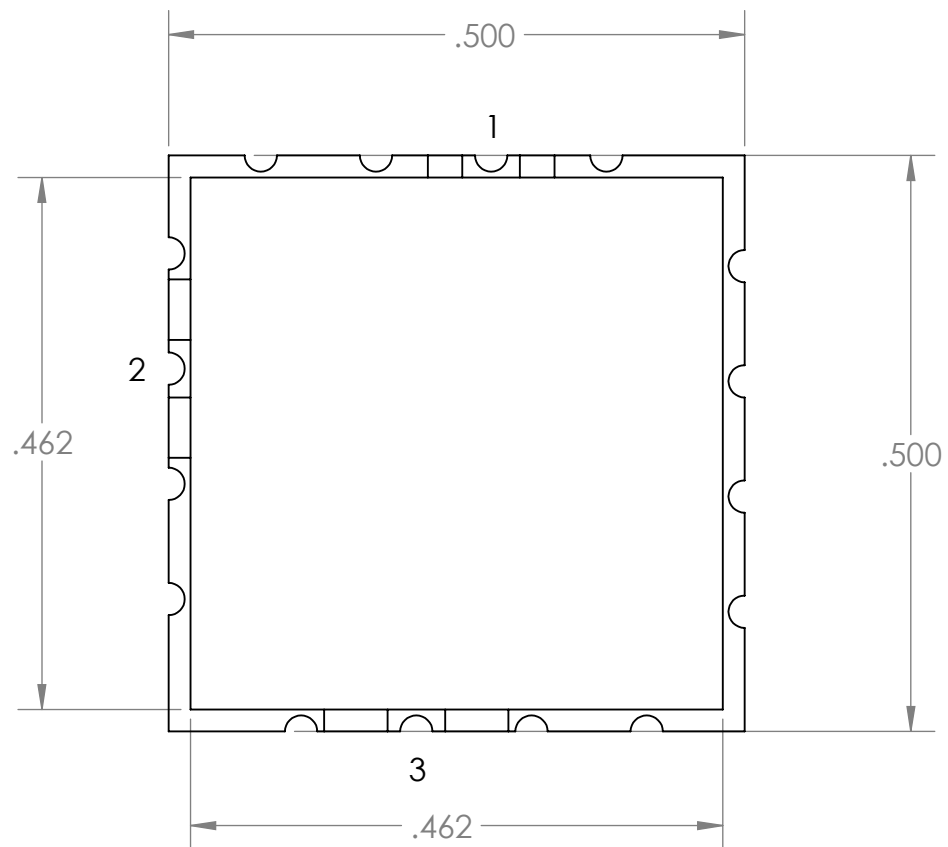




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production</u> <u>Test</u>	<u>First Article</u> <u>Test</u>
Frequency Range		1920		MHz	1,6	..	..
Operational Tuning Voltage	0.5		4.5	V	1,7	..	..
Functional Tuning Voltage	0		5.5	V	1,7	..	..
Modulation Sensitivity	2.2	3.0	3.8	MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	6	8	10	dBm	1	..	..
Phase Noise @ 10 KHz							
100 Hz Offset		-85	-80	dBc/Hz	3	..	..
1 KHz Offset		-100	-95	dBc/Hz	3	..	..
10 KHz Offset		-125	-120	dBc/Hz	1	..	..
100 KHz Offset		-145	-140	dBc/Hz	1	..	..
1 MHz Offset		-164	-155	dBc/Hz	1	..	..
Pushing		0.1		MHz/V	3	..	..
Pulling (12dB RL, any phase)		1.5		MHz _{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		20		pF	2	..	..
Harmonics		-15	-8	dBc	3	..	..
Vcc	6.338	6.5	6.663	V	1	..	..
Icc		28		mA	1	..	..
Operating Temperature	-15		+75	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
6. Tuning voltage must be 2.5v, +/- 1.0v @ +25C
7. Fout not affected with Vtune capacitance of up to 10pF



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



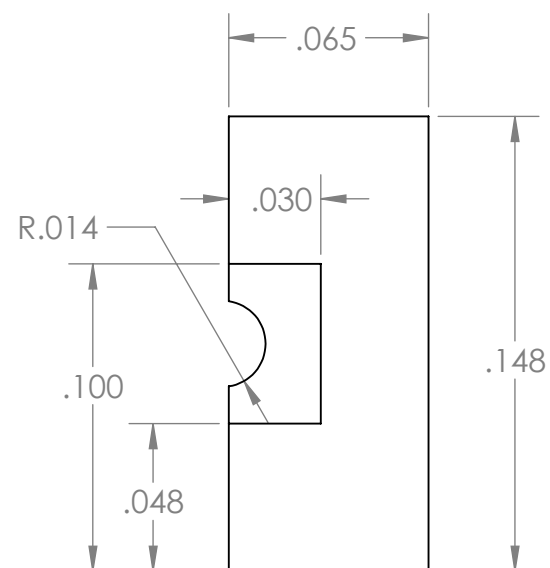
DRAWN	NAME	DATE
	Stefan Babulal	2/20/2017

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



CONTACT DIMENSIONS



Scale: 16:1



DRAWN NAME
Stefan Babulal

DATE
2/20/2017

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

TITLE:

SMUA PACKAGE

SIZE	DWG. NO.	REV
A	1	

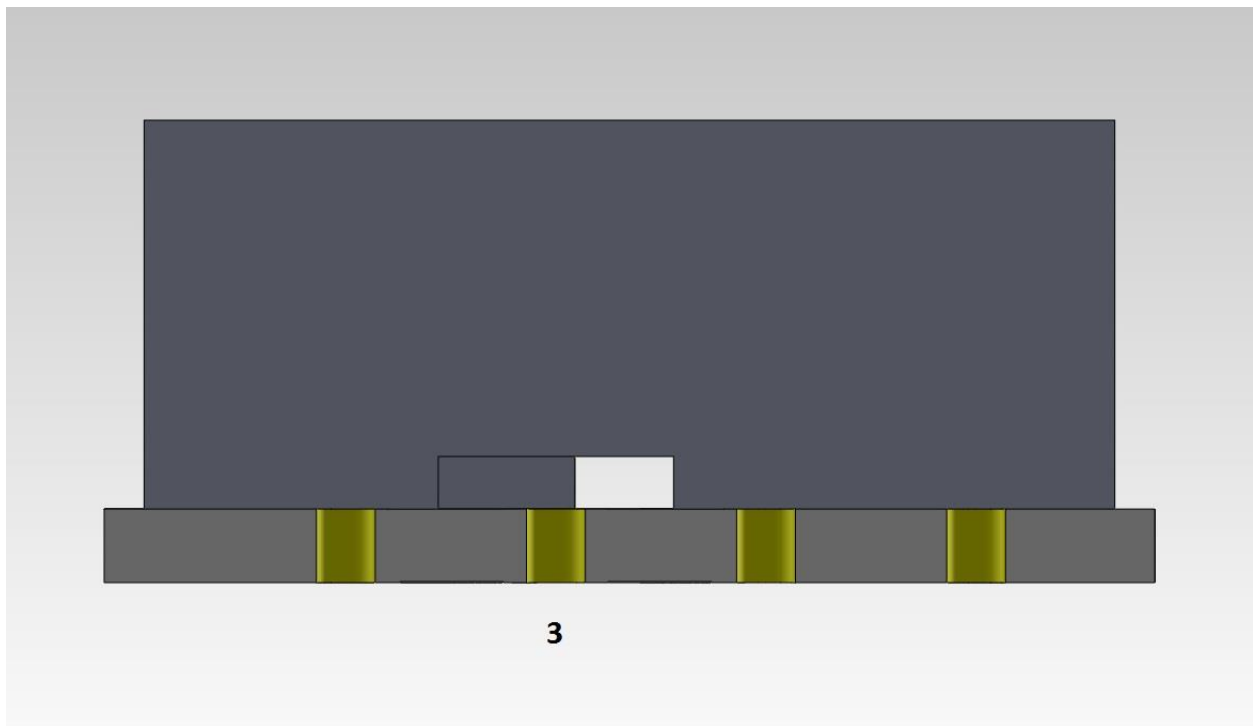
SCALE: 6:1	unit: inch	SHEET 2 OF 2
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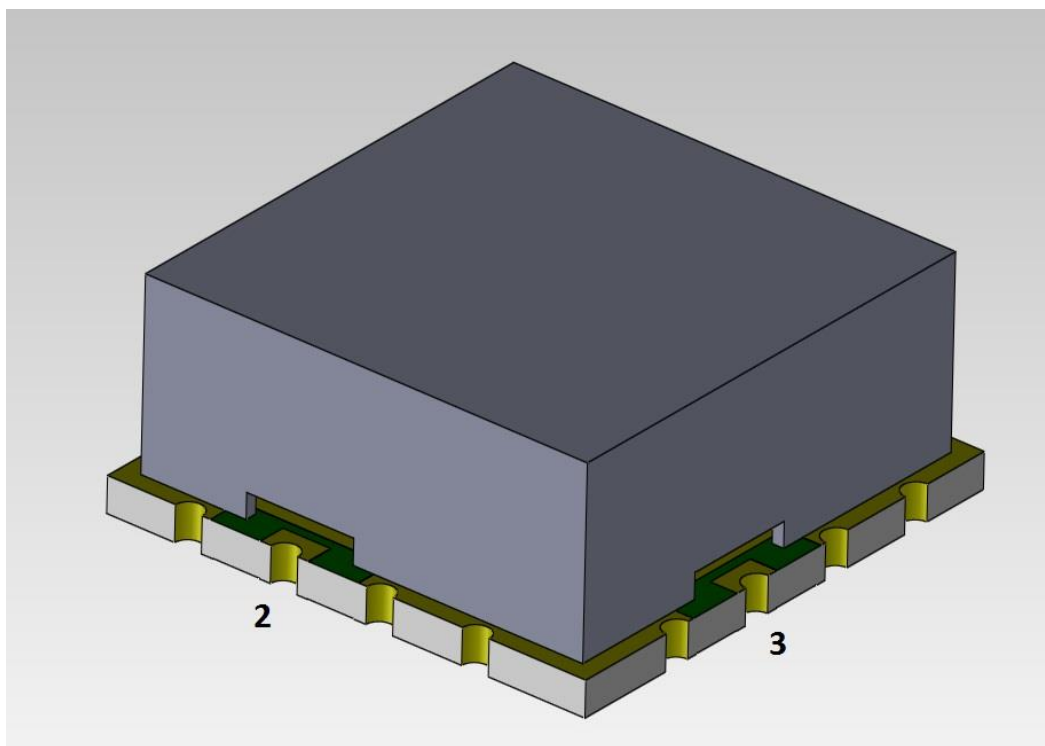
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW