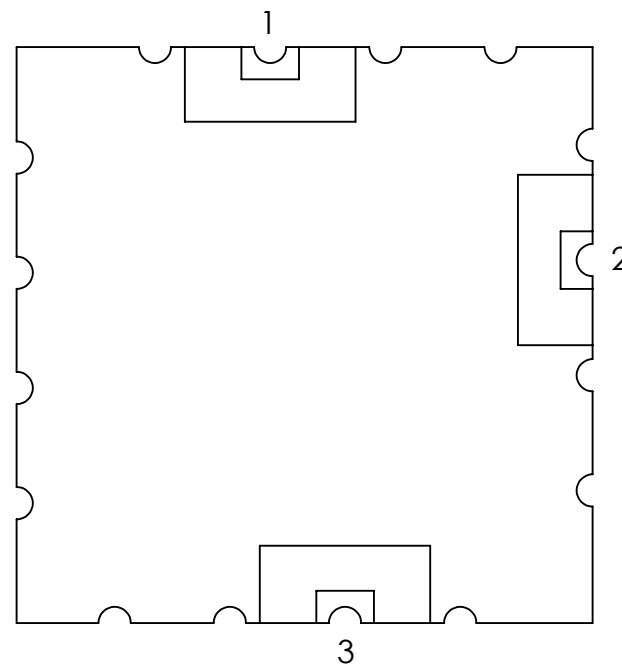
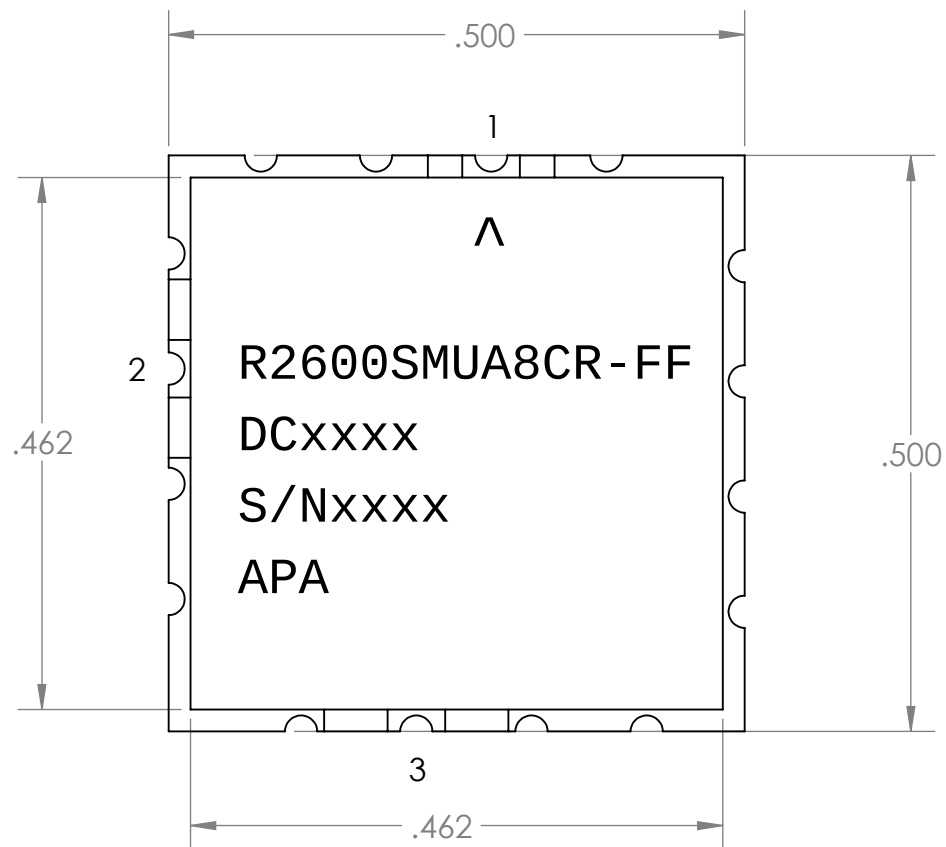




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range		2600		MHz	1	☐	☐
Tuning Voltage	0.5		4.5	V	1	☐	☐
Modulation Sensitivity		6.0		MHz/V	1	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	5	7	9	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-97	-92	dBc/Hz	1	☐	☐
10 KHz Offset		-122	-117	dBc/Hz	1	☐	☐
100 KHz Offset		-142	-137	dBc/Hz	1	☐	☐
1 MHz Offset		-162	-155	dBc/Hz	1	☐	☐
10 MHz Offset		-164	-155	dBc/Hz	1	☐	☐
Pushing		0.3	1	MHz/V	3		☐
Pulling (12dB RL, any phase)		2	3	MHz _{p-p}	3		☐
Modulation Bandwidth		1		MHz	4		
Tuning Port Capacitance		28		pF	2		
Harmonics		-20	-10	dBc	3		☐
Vcc		8		V	1	☐	☐
Icc		27		mA	1	☐	☐
Operating Temperature	-40		+85	C	3		☐
Package		SMUA			5,6,7	☐	☐
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. Foam filled
7. RoHS compliant



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

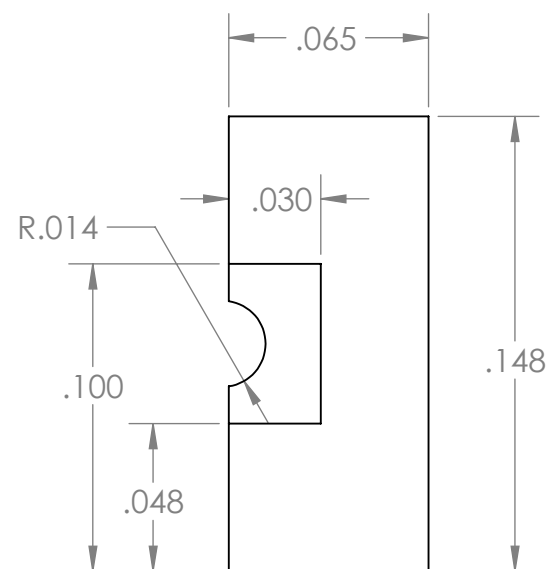


DRAWN	NAME	DATE
	Stefan Babulal	2/20/2017
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted		

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



CONTACT DIMENSIONS



Scale: 16:1



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.

1

REV

SCALE: 6:1

unit: inch

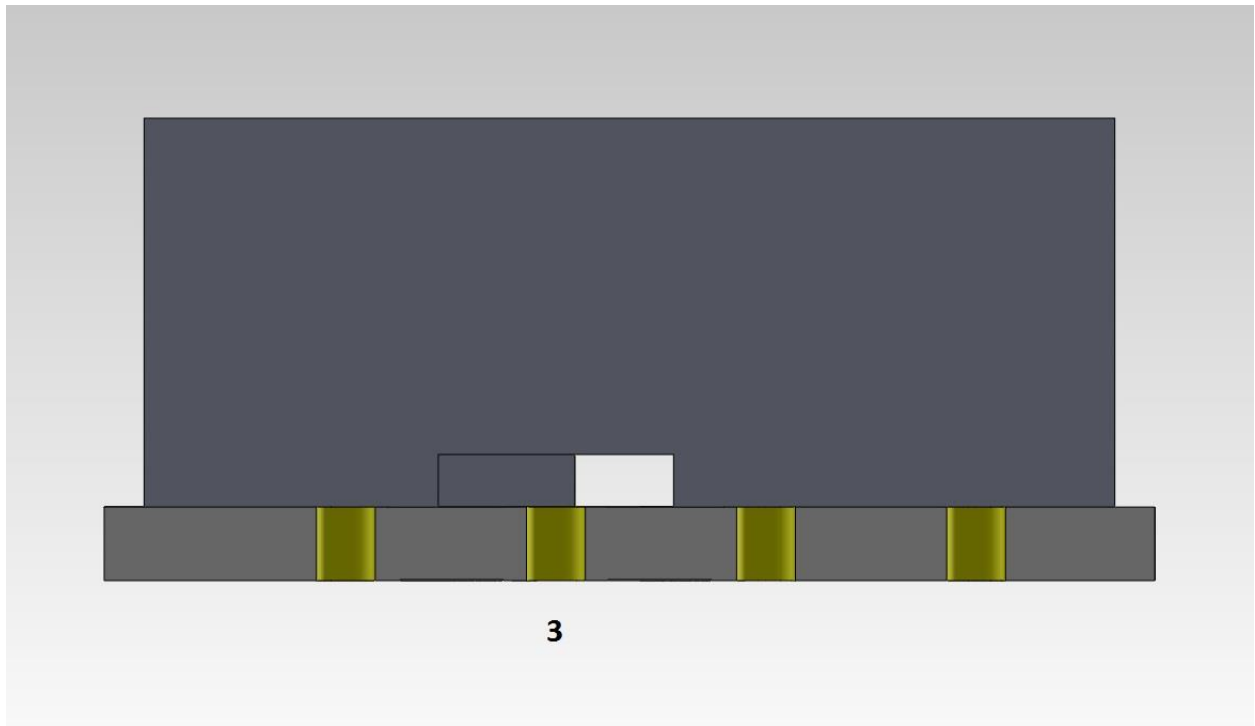
SHEET 2 OF 2



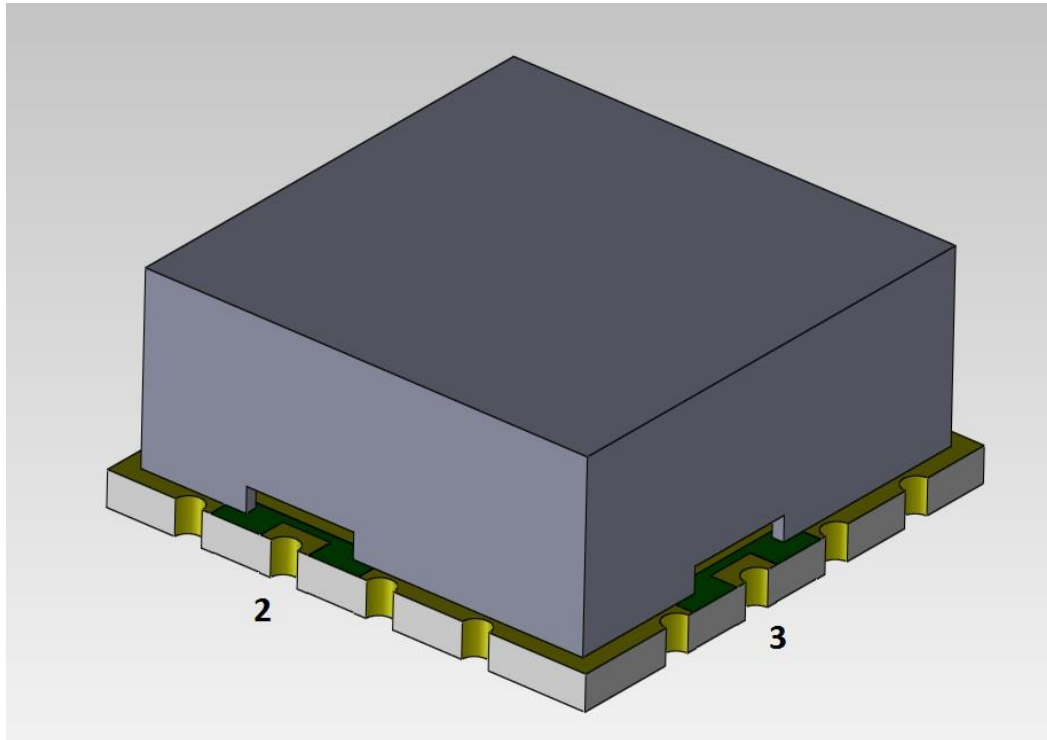
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW