



R362363SMUA8CR

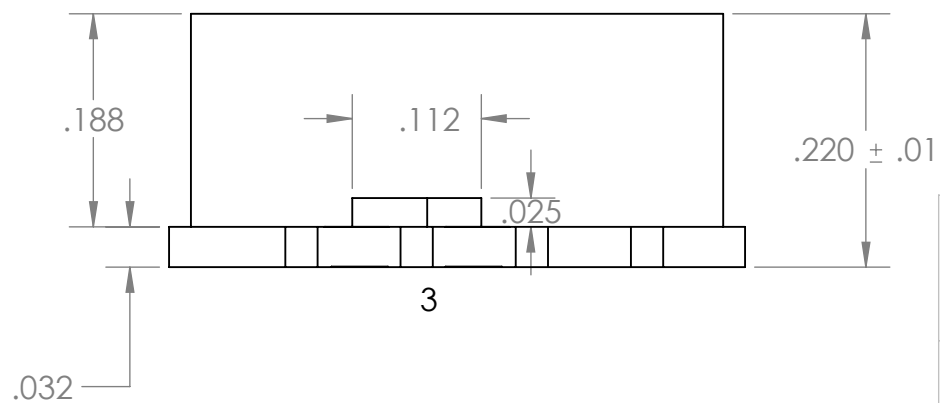
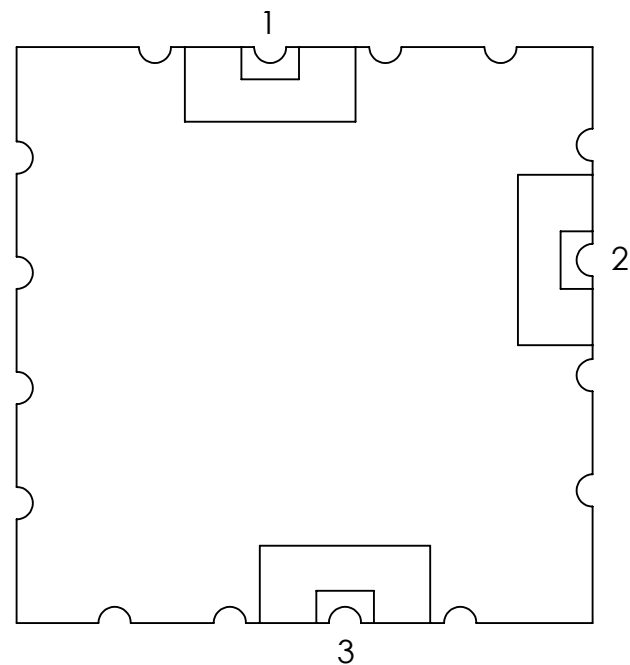
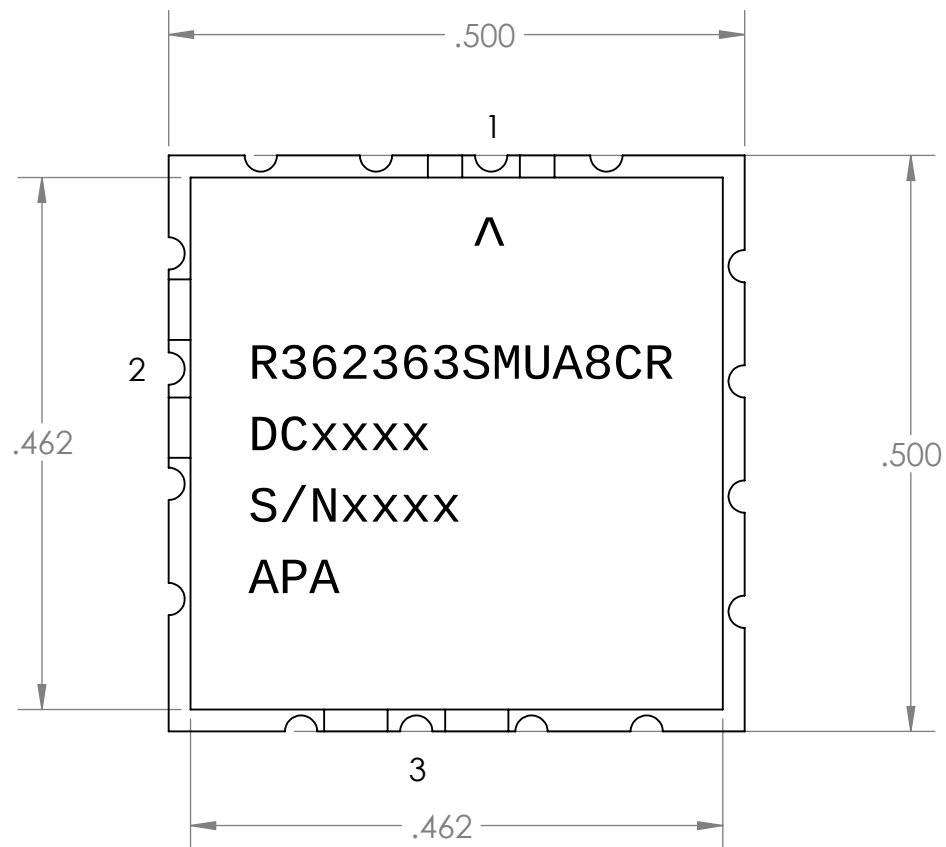
rev_0

initial rev

	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range	3620		3625	MHz	1	..	..
Tuning Voltage	0.5		4.5	V	1	..	..
Modulation Sensitivity		TBD		MHz/V	10	..	..
Operates with Vtune = 0V					1	..	..
Output Power	3	5	7	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-88	-84	dBc/Hz	1	..	..
10 KHz Offset		-115	-111	dBc/Hz	1	..	..
100 KHz Offset		-135	-131	dBc/Hz	1	..	..
1 MHz Offset		-155	-151	dBc/Hz	1	..	..
10 MHz Offset		-163	-159	dBc/Hz	1	..	..
Pushing		0.4	0.7	MHz/V	3	..	..
Pulling (12dB RL, any phase)		0.3		MHz _{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		47		pF	2	..	..
Harmonics		-12		dBc	3	..	..
Vcc	7.6	8.0	8.4	V		..	..
Icc		30		mA	1,10	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA			6	..	..
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. RoHS compliant
7. Parylene Conformal Coating
8. Foam Filled
9. Conformal Coating and Foam Fill
10. Design goal subject to change



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

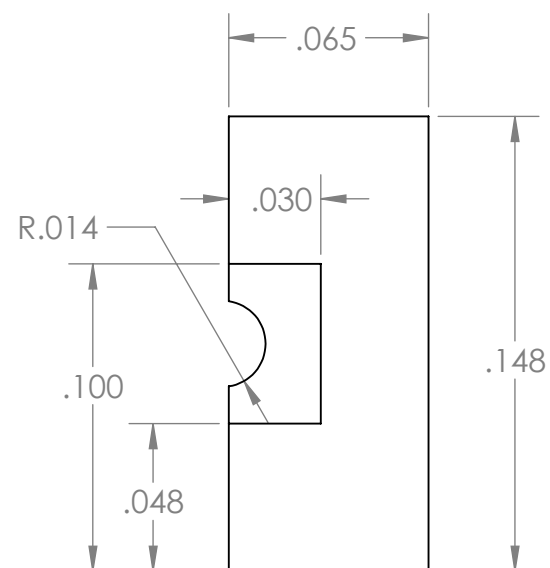


		TITLE: SMUA PACKAGE			
DRAWN Stefan Babulal	NAME Stefan Babulal	DATE 2/20/2017	SIZE A	DWG. NO. 1	REV
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted			SCALE: 6:1	unit: inch	SHEET 1 OF 2

DRAWN	NAME	DATE
	Stefan Babulal	2/20/2017



CONTACT DIMENSIONS



Scale: 16:1



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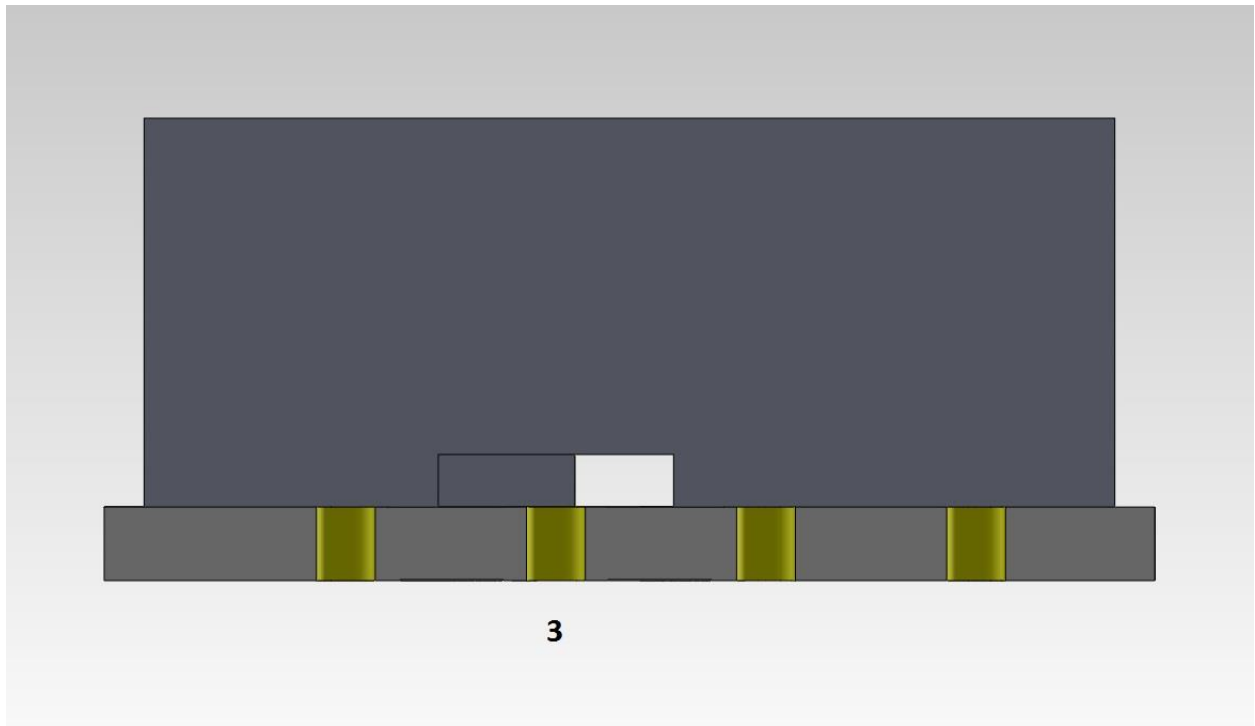
SCALE: 6:1	unit: inch	SHEET 2 OF 2
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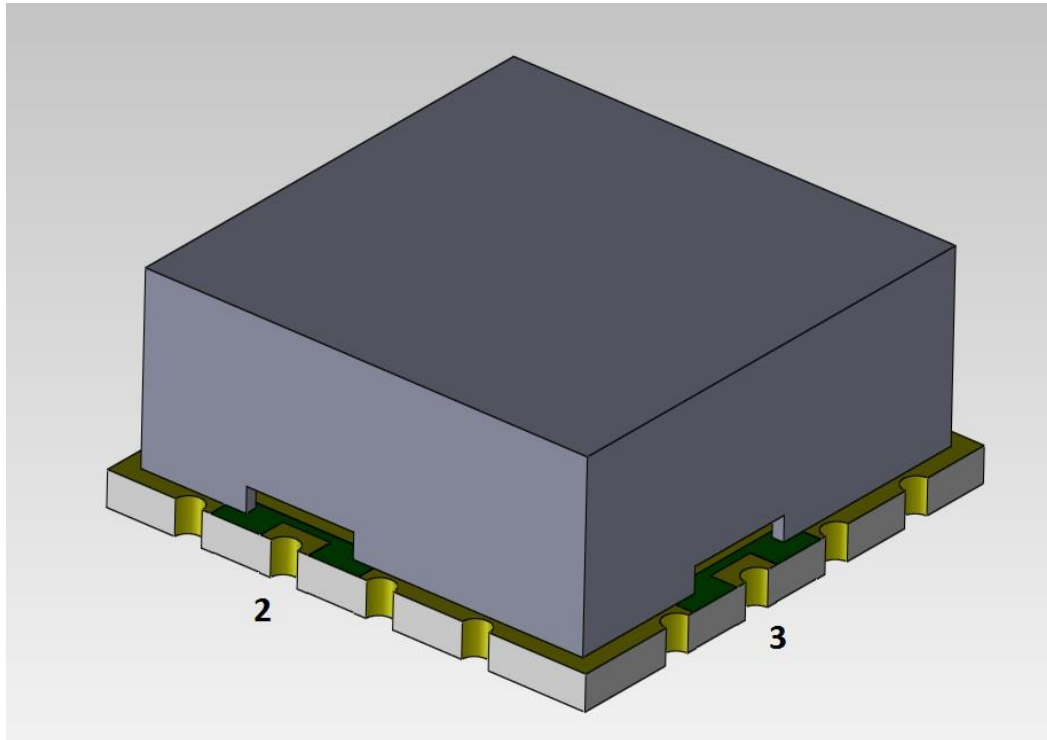
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW