



VCO R3360SMUA8CR

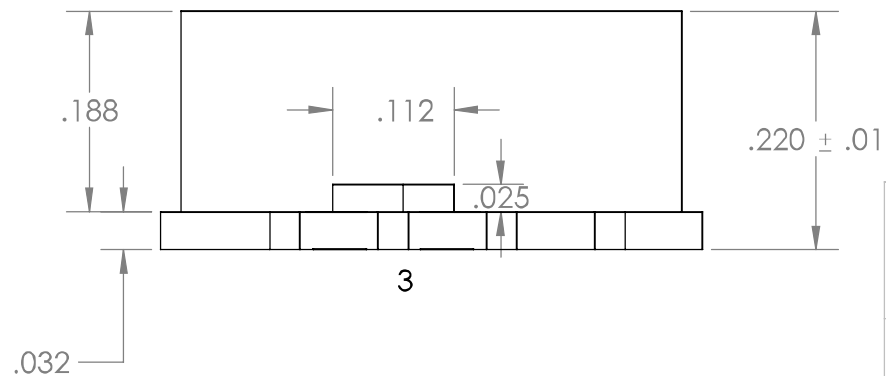
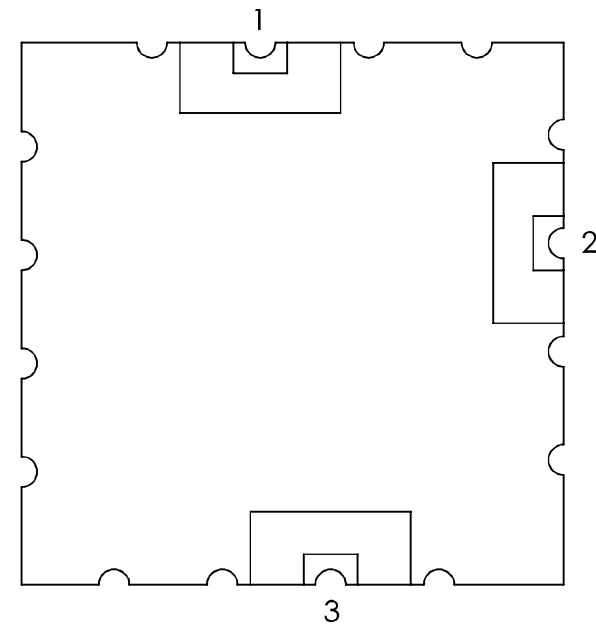
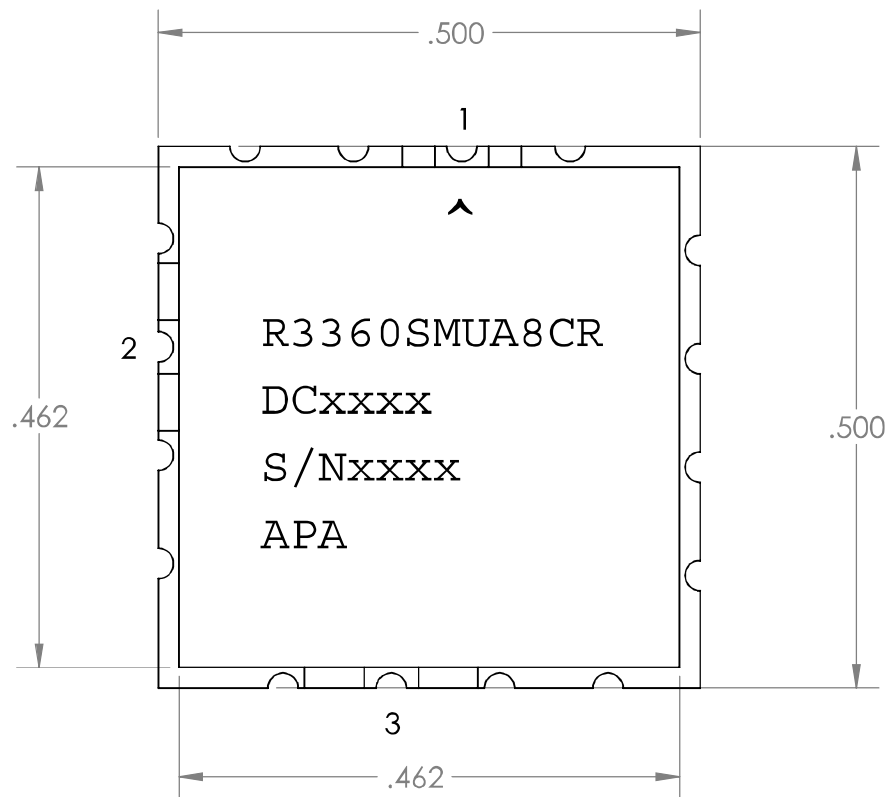
rev_0
rev_A

initial rev
PR

	<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	3359		3361	MHz	1	..	..
Tuning Voltage	0.5		10	V	1	..	..
Modulation Sensitivity		2.3		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	3	5.5	8	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-92	-87	dBc/Hz	1	..	..
10 KHz Offset		-119	-114	dBc/Hz	1	..	..
100 KHz Offset		-139	-134	dBc/Hz	1	..	..
1 MHz Offset		-159	-154	dBc/Hz	1	..	..
Pushing		0.2		MHz/V	3	..	..
Pulling (12dB RL, any phase)		1		MHz _{p-p}	3	..	..
Modulation Bandwidth		5		MHz	4	..	..
Tuning Port Capacitance		10		pF	2	..	..
Harmonics		-15	-8	dBc	3	..	..
Vcc		8.0		V		..	..
Icc		30		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA			6	..	..
LxW		0.500		inch sq.	5	..	..
Height		0.220		inch	5	..	..

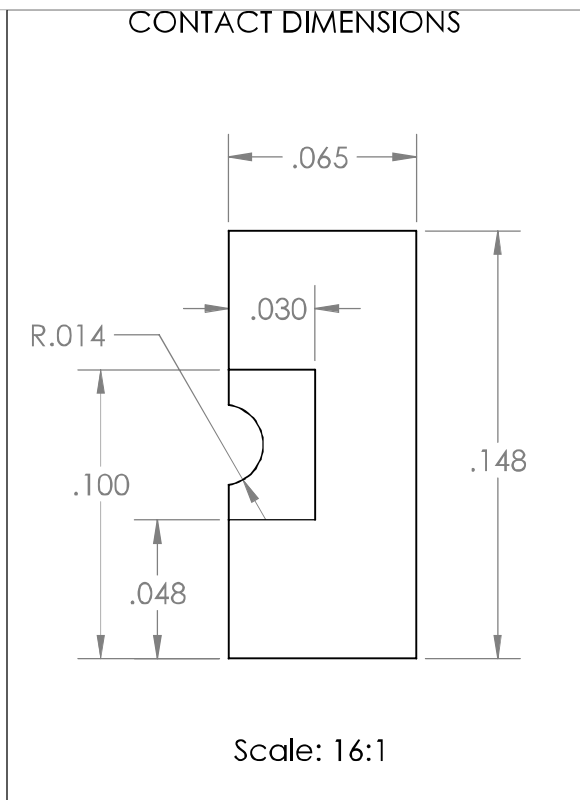
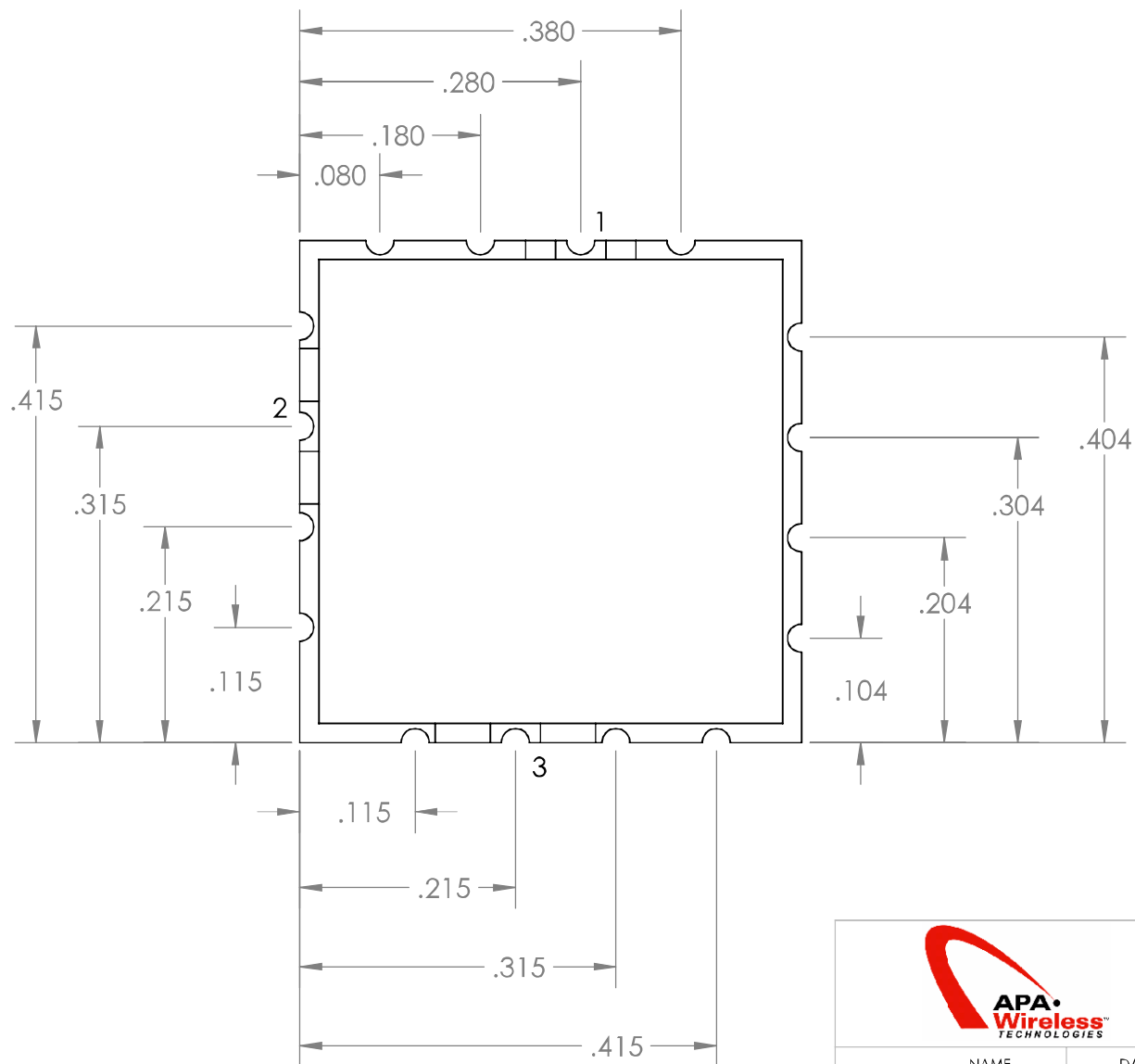
Notes

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

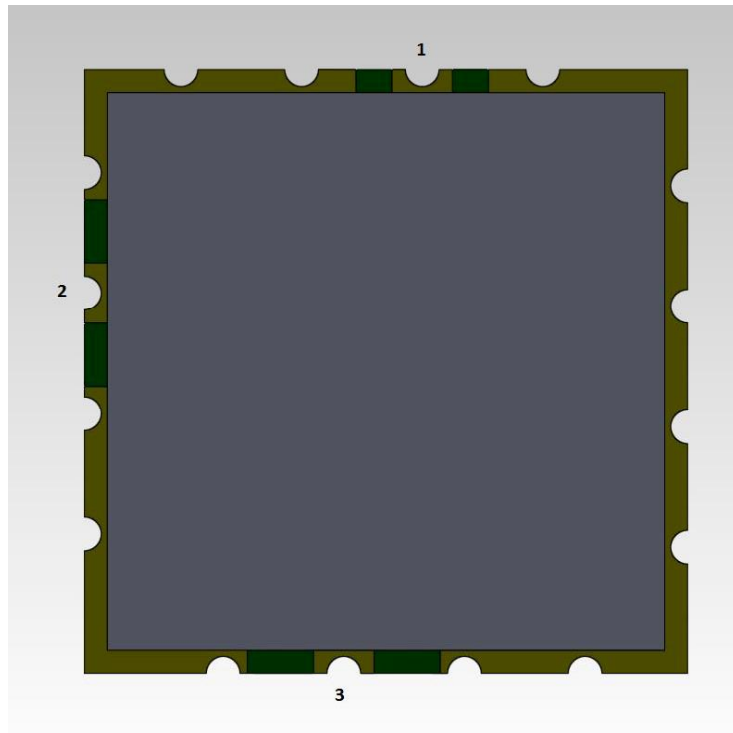


CONTACT ASSIGNMENTS	
1.	RF OUT
2.	VCC
3.	V-TUNE
ALL OTHER CONTACTS ARE GROUND	

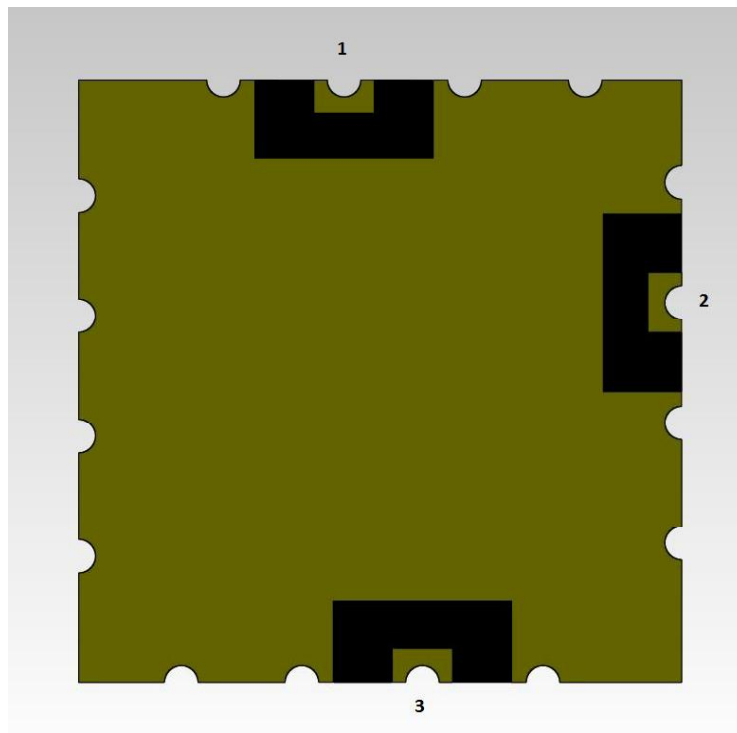
		TITLE:	
		SMUA PACKAGE	
DRAWN	NAME Stefan Babulal	DATE 2/20/2017	REV
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted		SIZE A	DWG. NO. 1
SCALE: 6:1		unit: inch	SHEET 1 OF 2



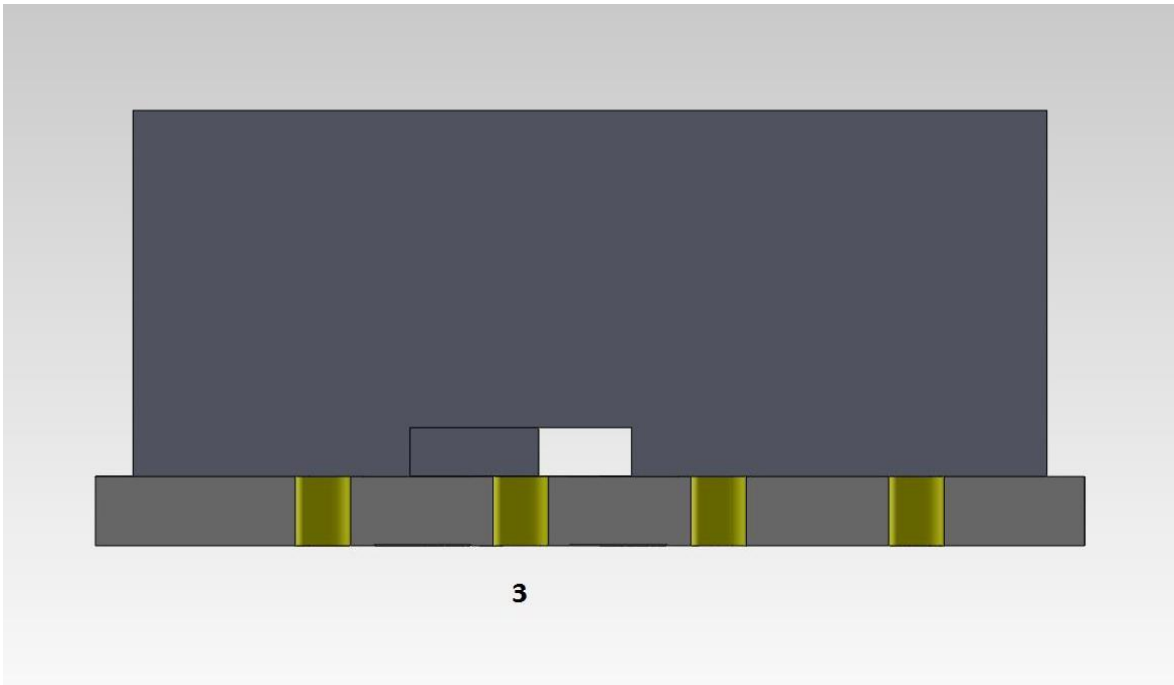
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COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted		SCALE: 6:1	unit: inch	SHEET 2 OF 2



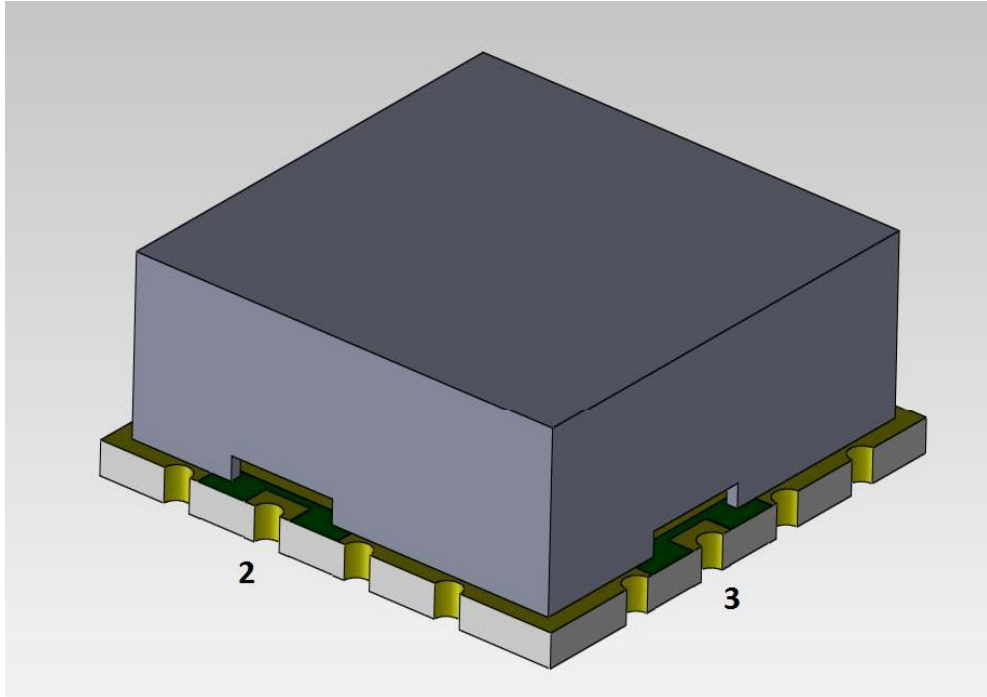
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW