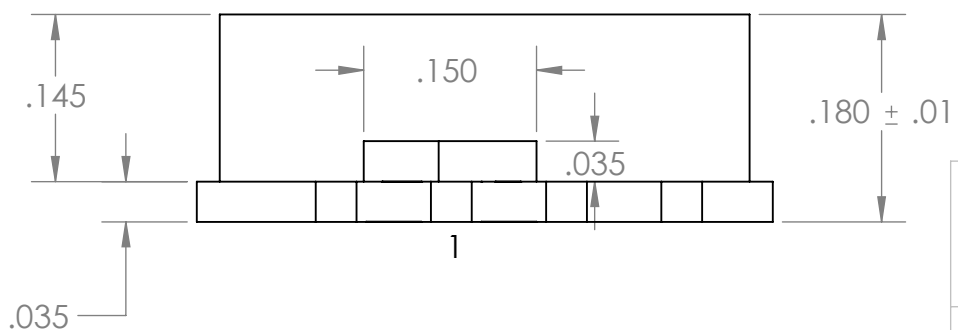
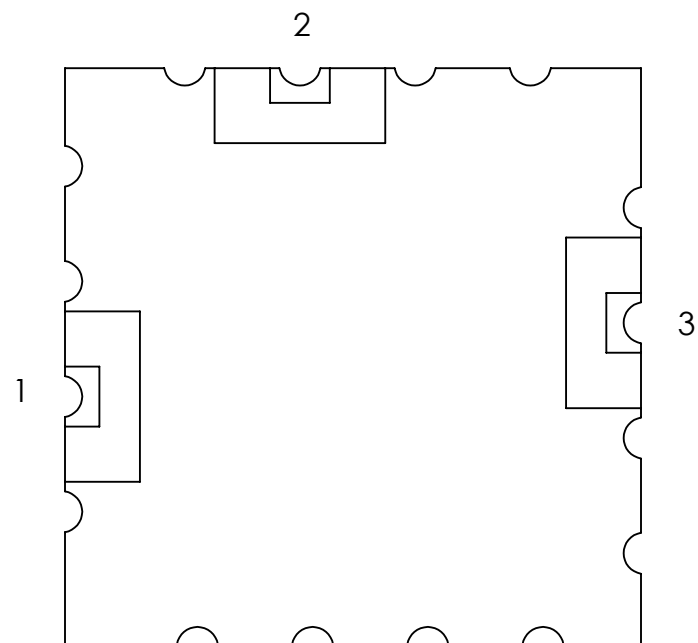
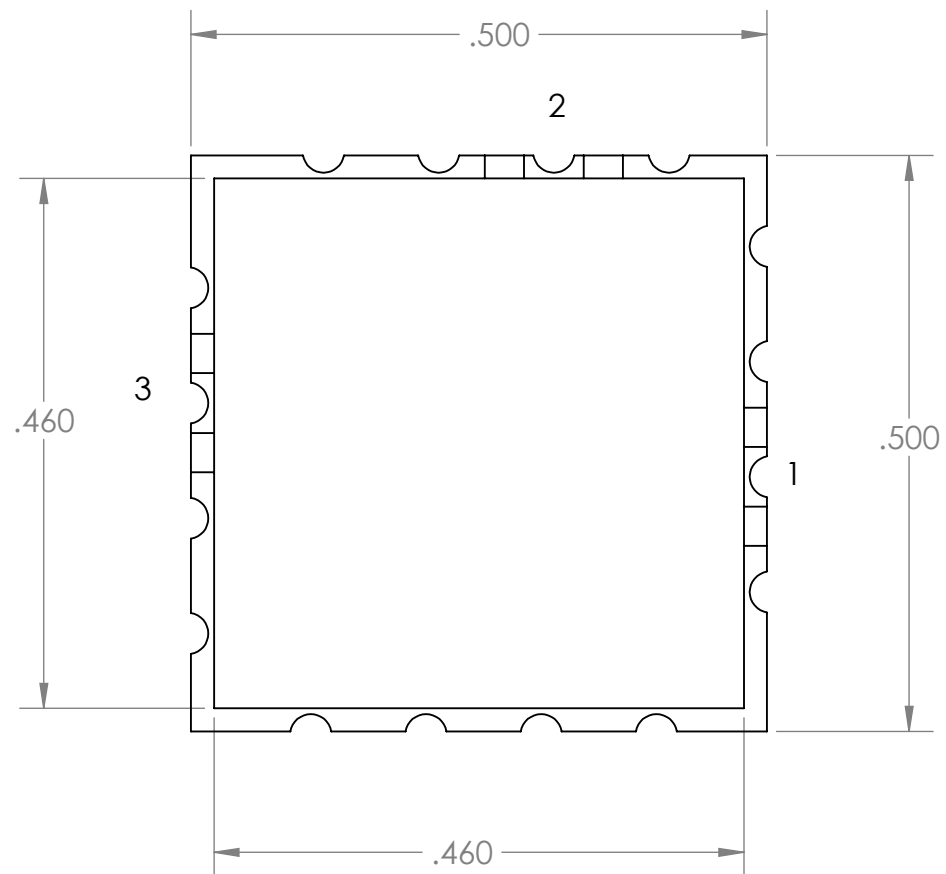




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range	1780		2082	MHz	1	..	..
Tuning Voltage	0.5		5	V	1	..	..
Modulation Sensitivity		96~120		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power		6.5		dBm	1	..	..
Phase Noise @							
1 KHz Offset		-69		dBc/Hz	1	..	..
10 KHz Offset		-97		dBc/Hz	1	..	..
100 KHz Offset		-118		dBc/Hz	1	..	..
1 MHz Offset		-139		dBc/Hz	1	..	..
10 MHz Offset		-159		dBc/Hz	1	..	..
Pushing		2		MHz/V	3	..	..
Pulling (12dB RL, any phase)		9		MHz _{p-p}	3	..	..
Modulation Bandwidth		50		MHz	4	..	..
Tuning Port Capacitance		20		pF	2	..	..
Harmonics		-24	-14	dBc	3	..	..
Vcc		5.0		V		..	..
Icc		27		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA			6	..	..
LxW		0.500		inch sq.	5	..	..
Height		0.180		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

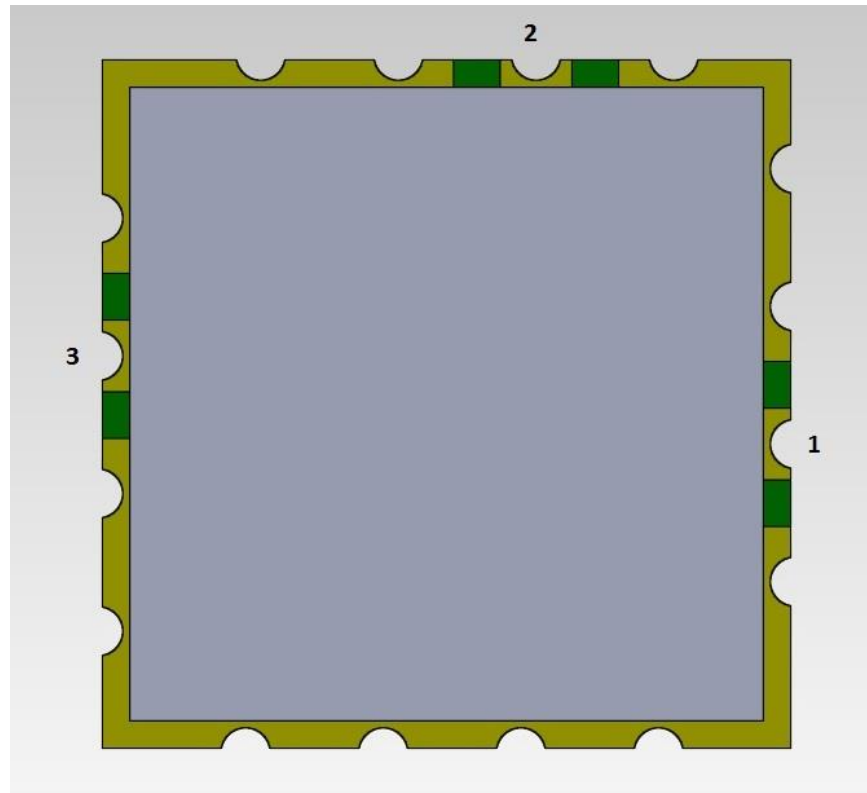


CONTACT ASSIGNMENTS
1. RF OUT
2. SUPPLY INPUT
3. TUNING VOLTAGE INPUT
ALL OTHER CONTACTS ARE GROUND

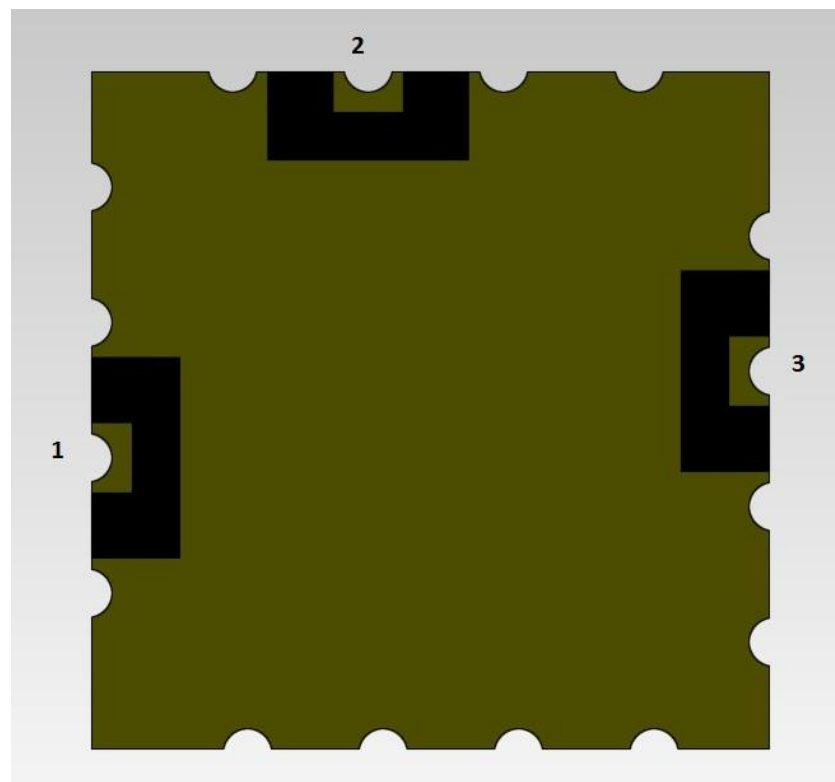


TITLE: SMUA_180			
SIZE A	DWG. NO. 1	REV	
SCALE: 6:1	unit: inch	SHEET 1 OF 2	

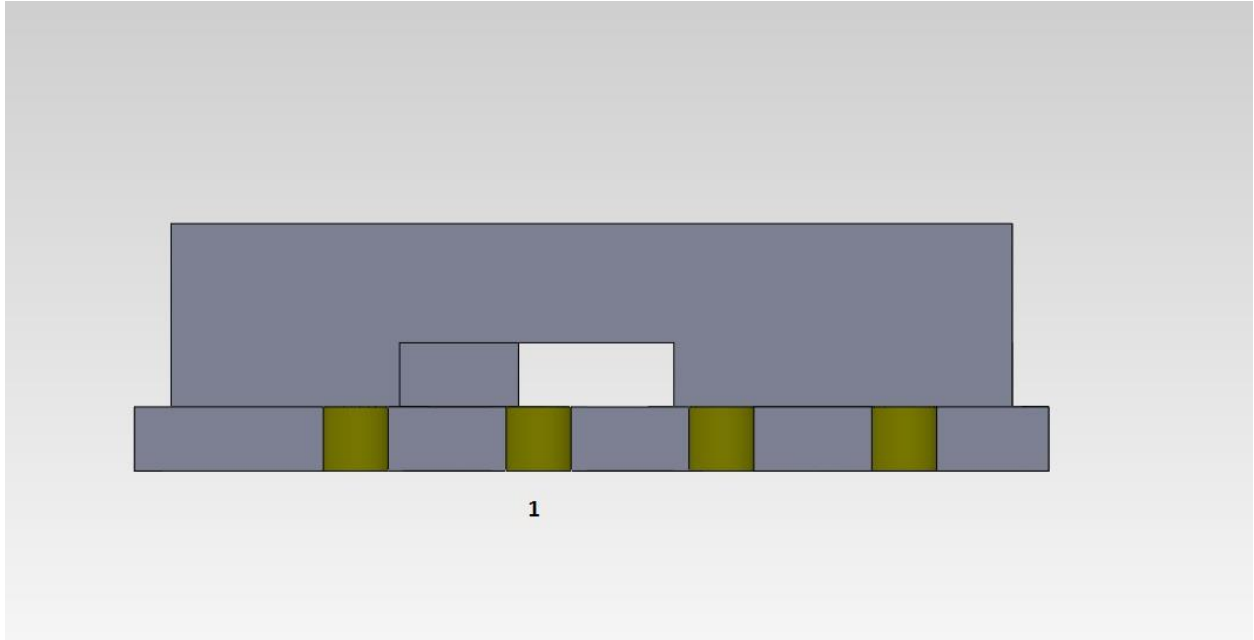
DRAWN	NAME Stefan Babulal	DATE 2/17/2017
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted		



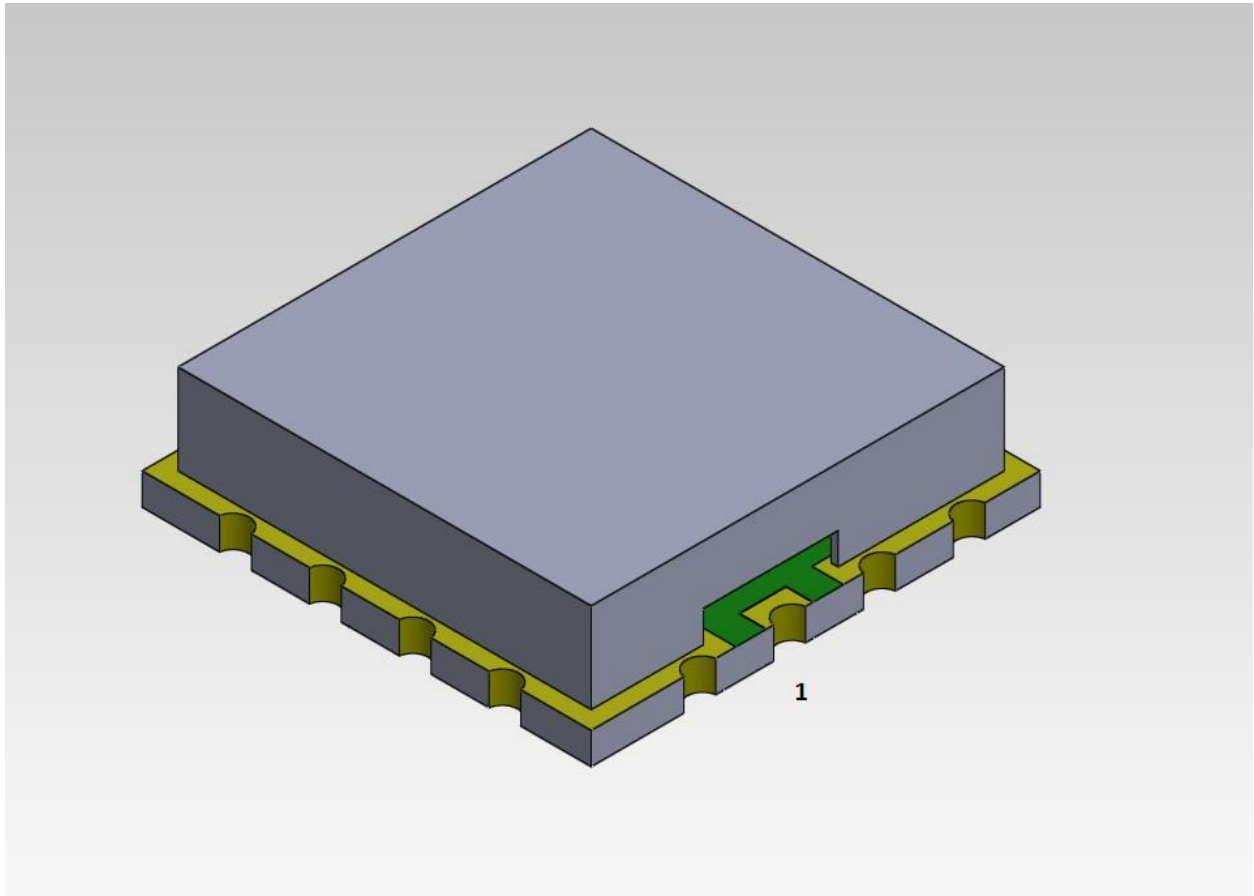
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW