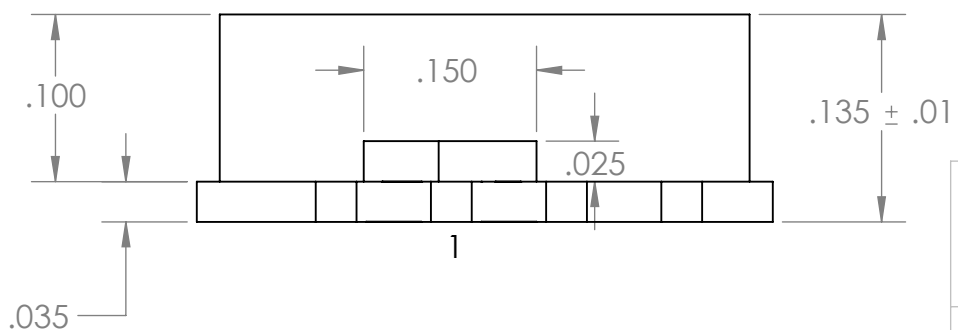
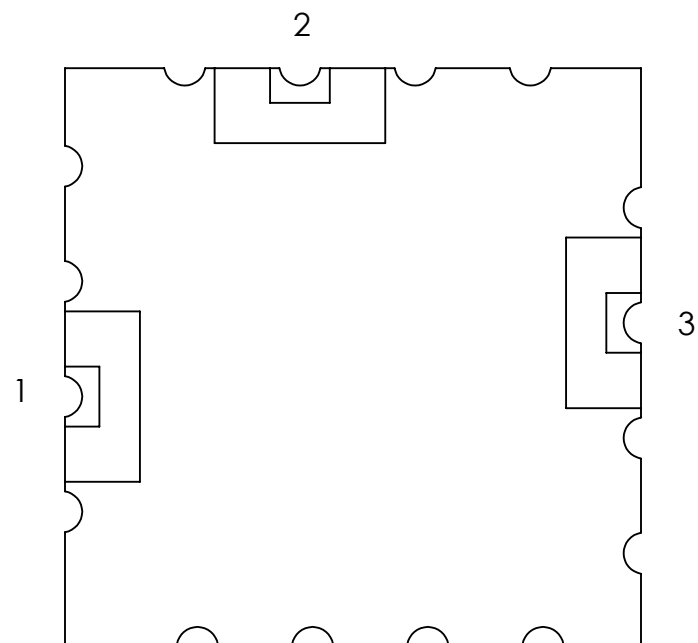
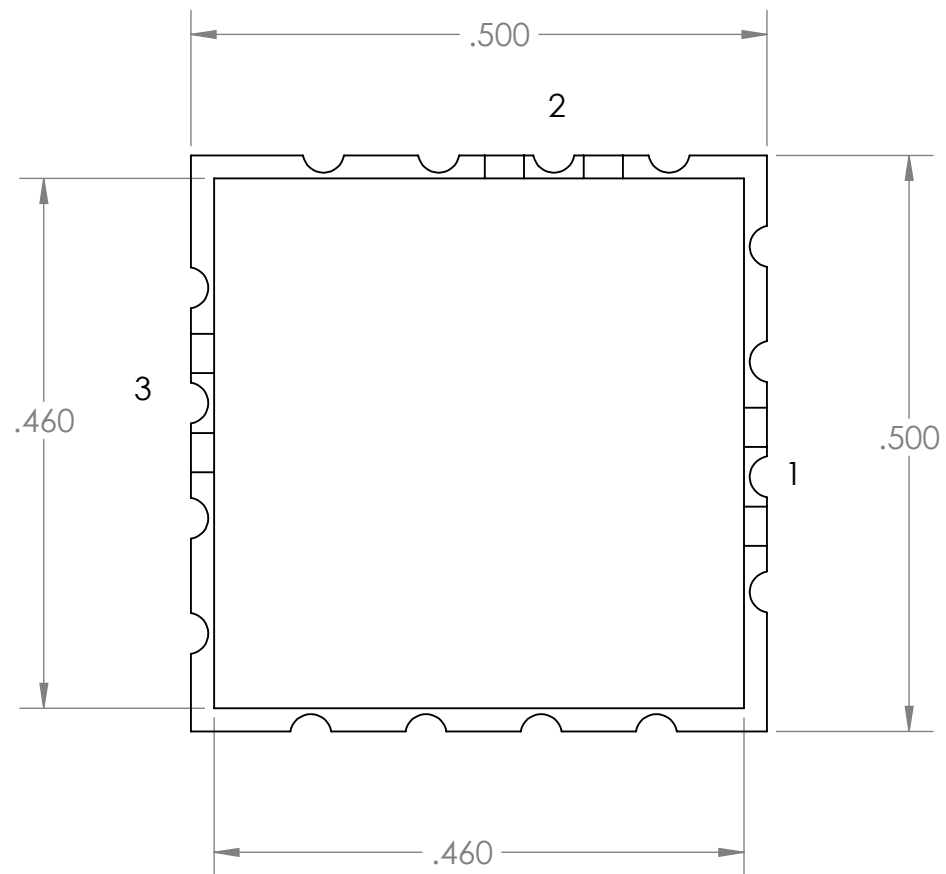




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range	950		1525	MHz	1	..	..
Tuning Voltage	1.3		12	V	1	..	..
Modulation Sensitivity		65		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	10	12	14	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-76	-71	dBc/Hz	1	..	..
10 KHz Offset		-103	-98	dBc/Hz	1	..	..
100 KHz Offset		-124	-119	dBc/Hz	1	..	..
1 MHz Offset		-144	-139	dBc/Hz	1	..	..
10 MHz Offset		-164	-155	dBc/Hz	1	..	..
Pushing		0.6	1.5	MHz/V	3	..	..
Pulling (12dB RL, any phase)		15	30	MHz _{p-p}	3	..	..
Modulation Bandwidth		15		MHz	4	..	..
Tuning Port Capacitance		100		pF	2	..	..
Harmonics		-20	-15	dBc	3	..	..
Vcc		12.0		V		..	..
Icc		31		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA			6	..	..
LxW		0.500		inch sq.	5	..	..
Height		0.135		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

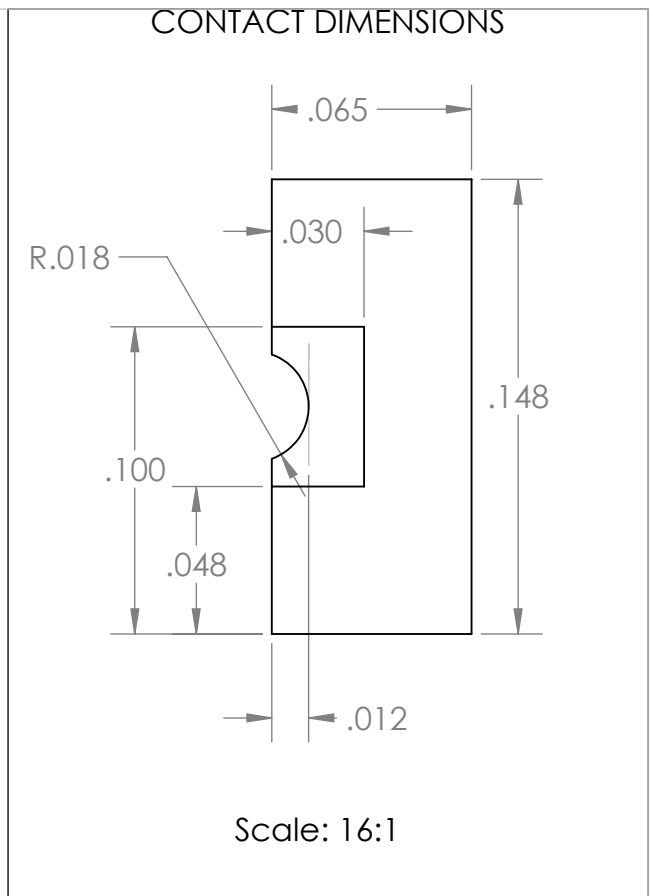
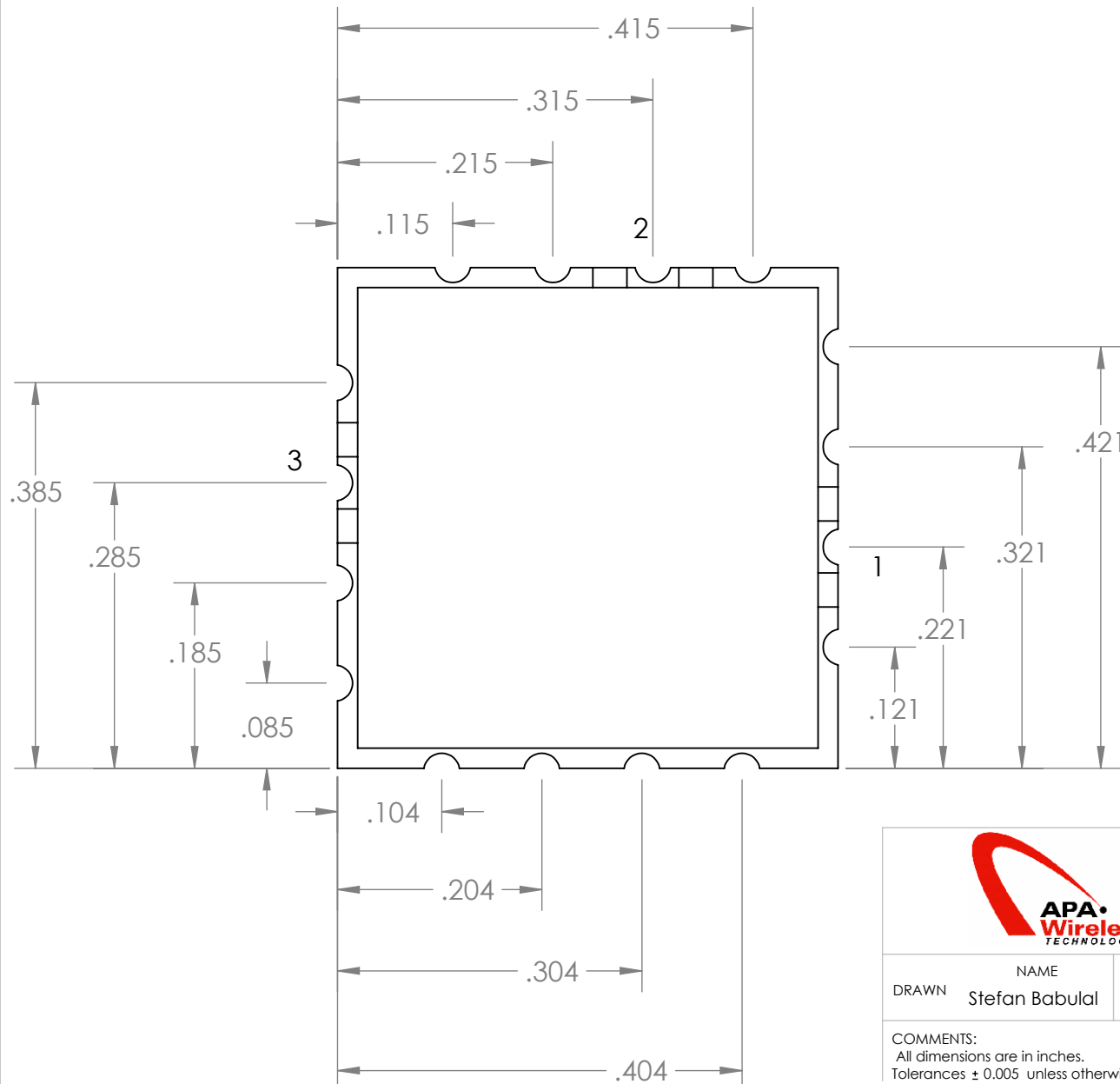


CONTACT ASSIGNMENTS
1. RF OUT
2. SUPPLY INPUT
3. TUNING VOLTAGE INPUT
ALL OTHER CONTACTS ARE GROUND



TITLE: SMUA_135			
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		



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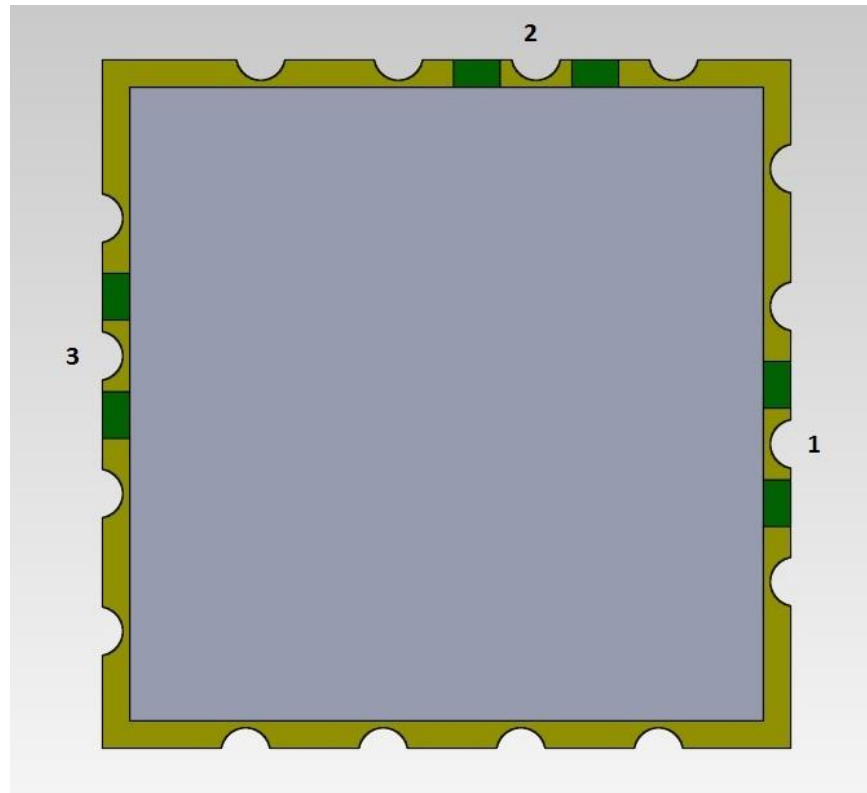
COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

TITLE:

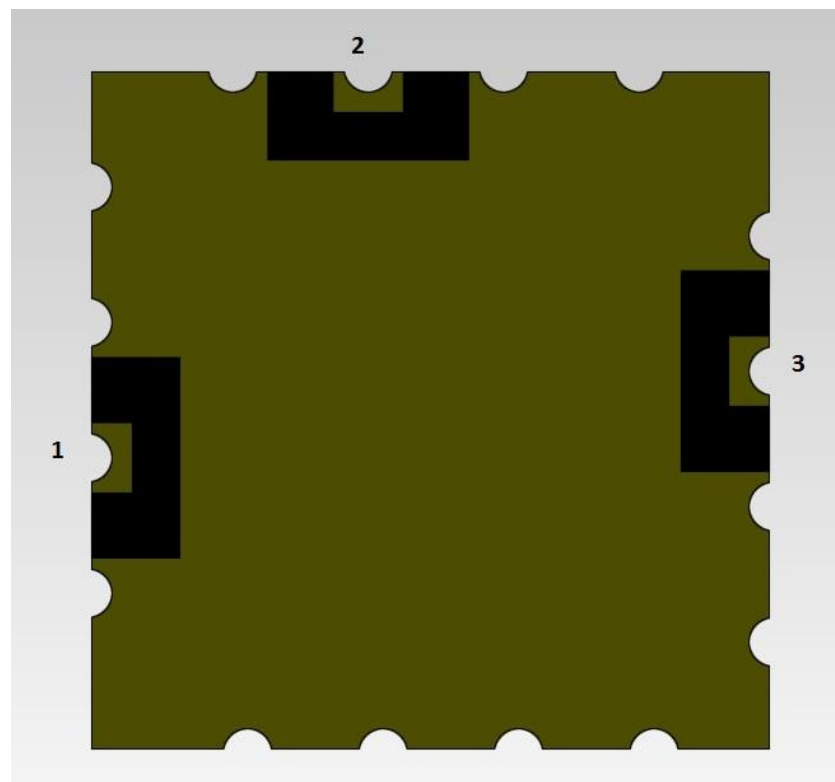
SMUA_135

SIZE A	DWG. NO. 1	REV
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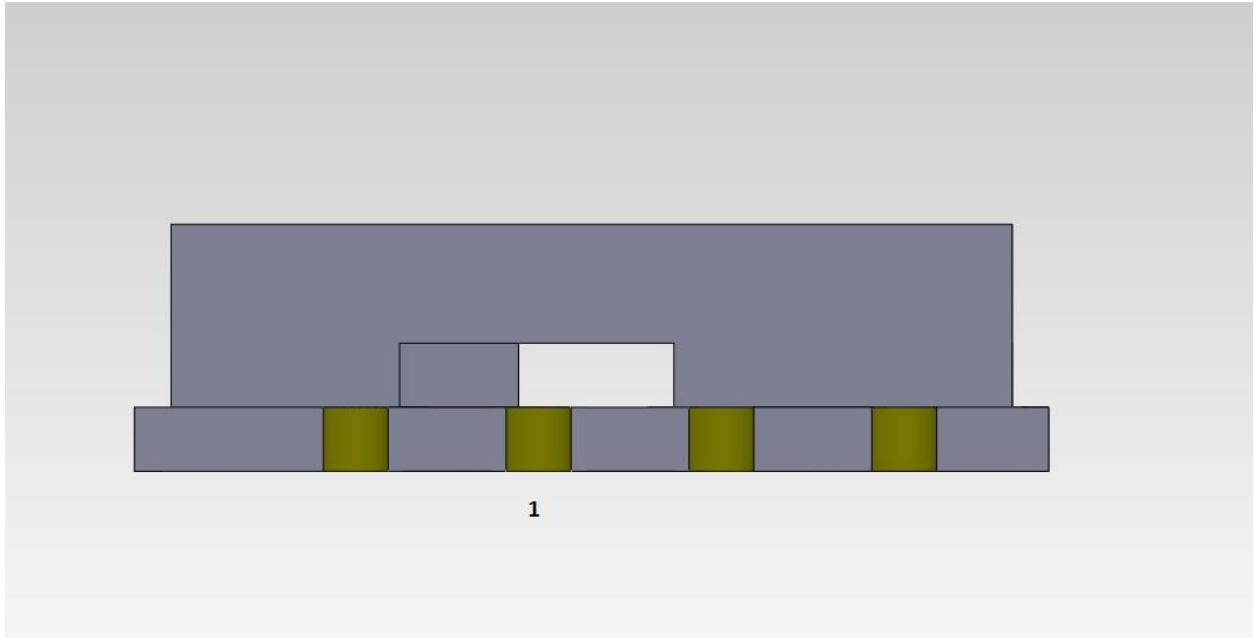
SCALE: 6:1	unit: inch	SHEET 2 OF 2
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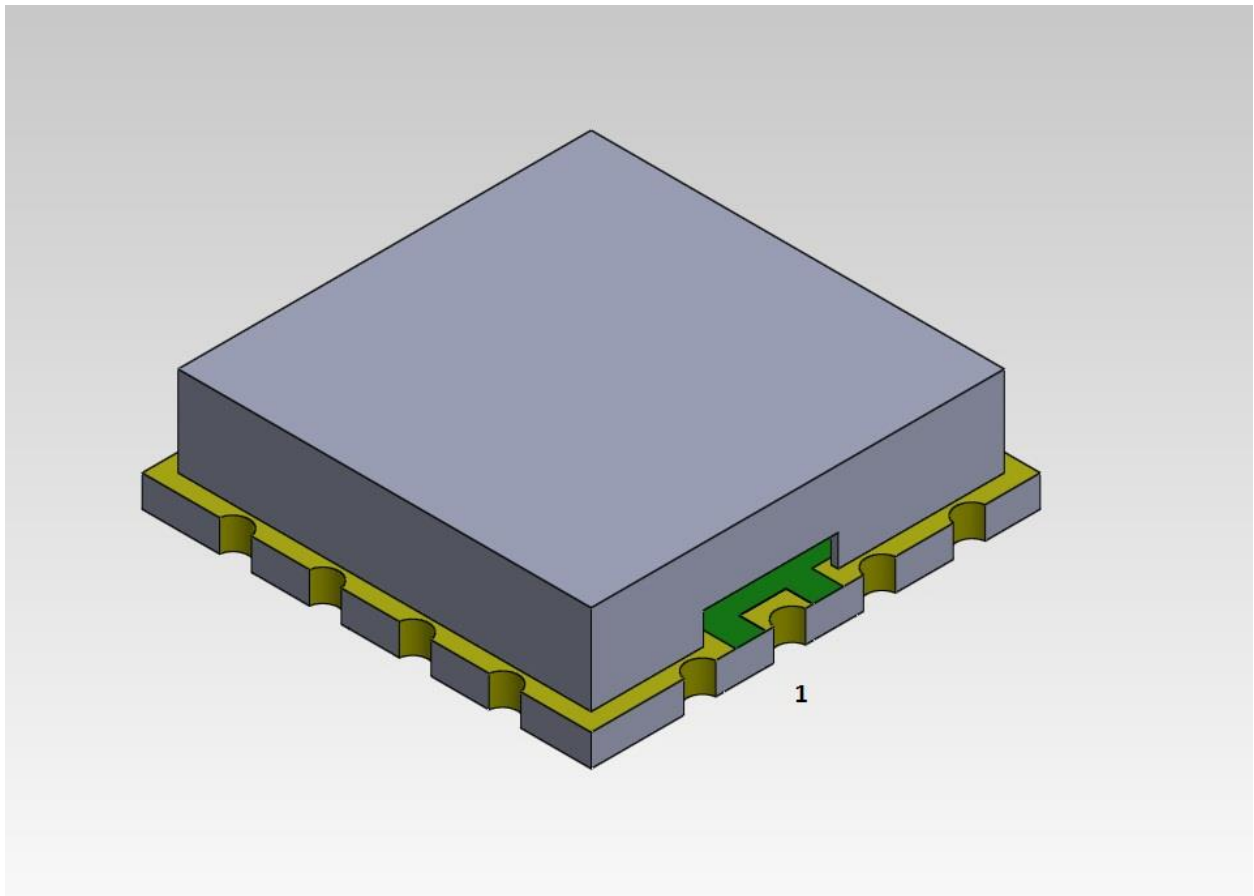
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW