

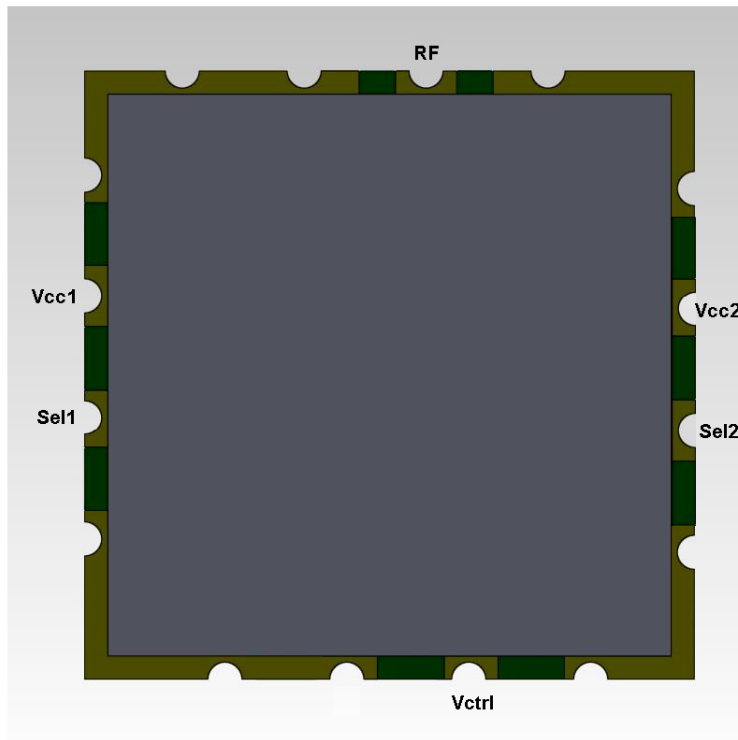


	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range (total)	1516		2088	MHz	1	..	..
Frequency - band 1 (sel1)	1516		1802	MHz	1	..	..
Frequency - band 2 (sel2)	1802		2088	MHz	1	..	..
Tuning Voltage	0.5		15	V	1,8	..	..
Modulation Sensitivity		22		MHz/V	1,8	..	..
Operates with Vtune = 0V					1,8	..	..
Output Power	-3	0	3	dBm	1,8	..	..
Phase Noise Band 1@							
10 KHz Offset			-108	dBc/Hz	1	..	..
100 KHz Offset			-128	dBc/Hz	1	..	..
1 MHz Offset			-148	dBc/Hz	1	..	..
10 MHz Offset			-160	dBc/Hz	1	..	..
Phase Noise Band 2@							
10 KHz Offset			-107	dBc/Hz	1	..	..
100 KHz Offset			-127	dBc/Hz	1	..	..
1 MHz Offset			-147	dBc/Hz	1	..	..
10 MHz Offset			-160	dBc/Hz	1	..	..
Pushing (+4.8V ± 0.1V)		1		MHz/V	3,8	..	..
Pulling (2:1 VSWR, any phase)		1		MHz _{p-p}	3,8	..	..
Tuning Port Capacitance			400	pF	2	..	..
Harmonics			-15	dBc	3,8	..	..
Vcc	+4.6	+4.8	+5.0	V	1,8	..	..
Icc		20		mA	1,7,8	..	..
Operating Temperature	-30		+85	C	3,8	..	..
Package		LSM11			6	..	..
LxW		12.70		mm	5	..	..
Height		4.60		mm	5	..	..

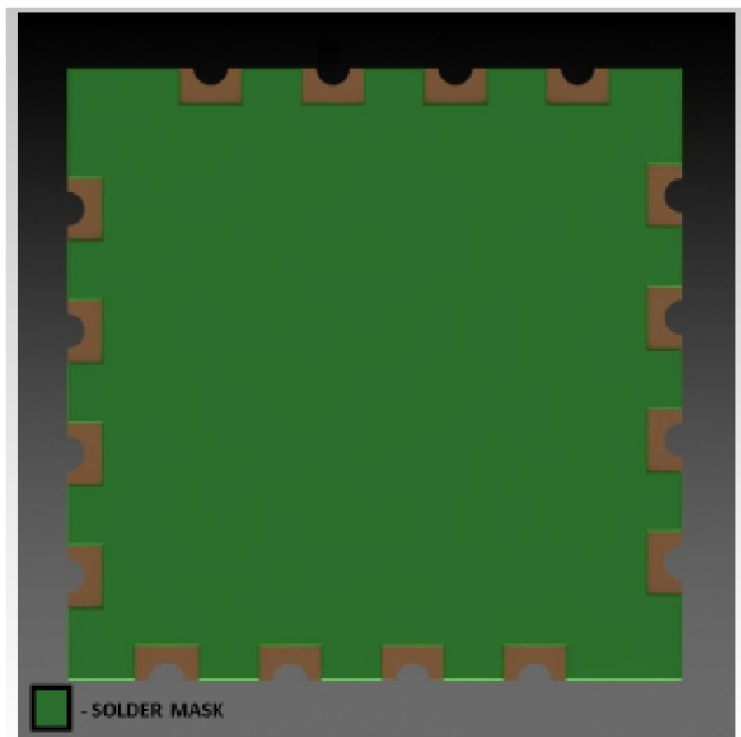
BAND SELECT	Low Band (sel1)		Low Band (sel2)				
	Min	Max	Min	Max			
Select Low Band	2.4	3.3	0	0.5	Volts	..	..
Select High Band	0	0.50	2.4	3.3	Volts	..	..
Select Line Current		1		1	mA	..	..

Notes

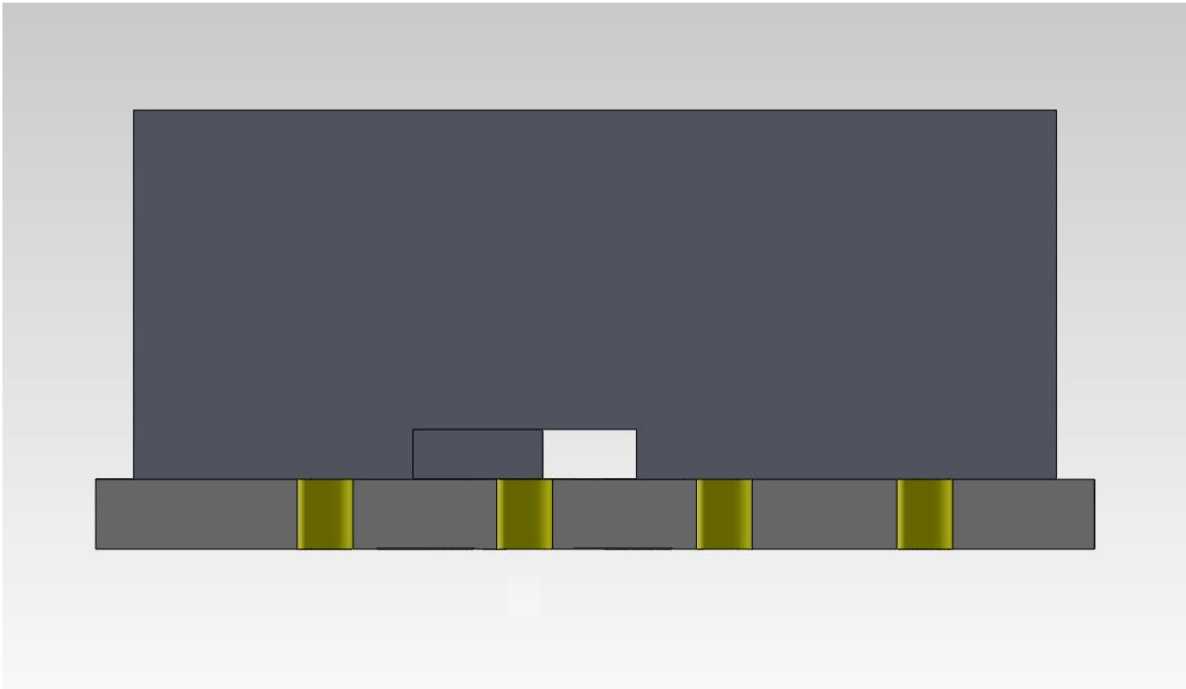
1. Tested in production, and guaranteed
2. Per current design, not a tested parameter
3. Sample tested from production lot
4. Not a tested or guaranteed design goal
5. By inspection
6. RoHS Compliant
7. Design goal subject to change
8. Applies to both bands



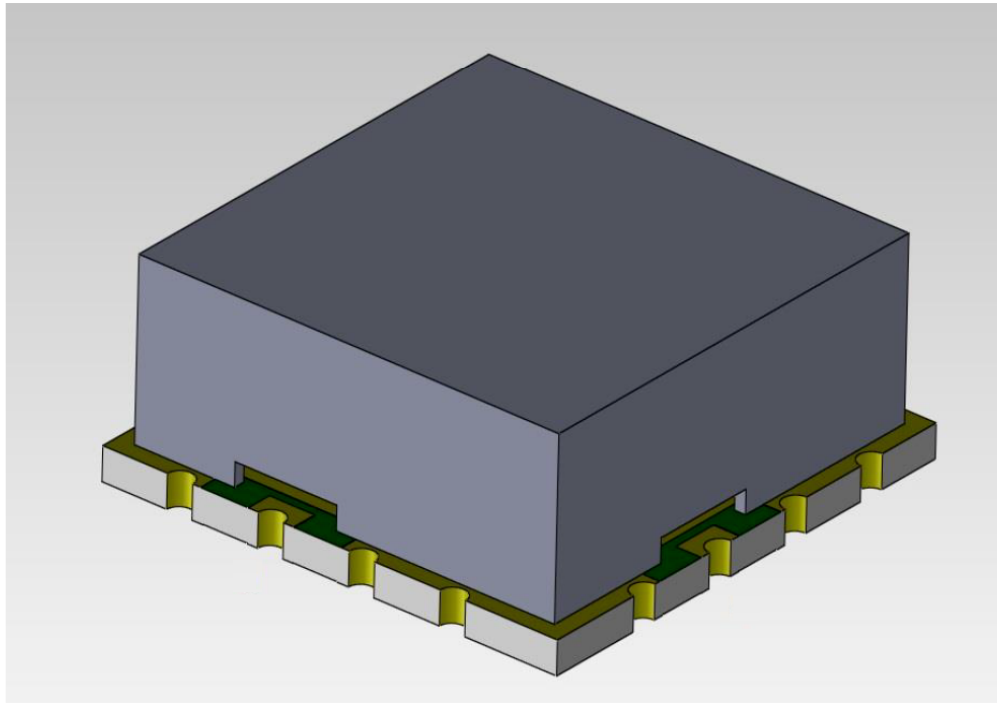
TOP VIEW



BOTTOM VIEW



SIDE VIEW



ISOMETRIC VIEW