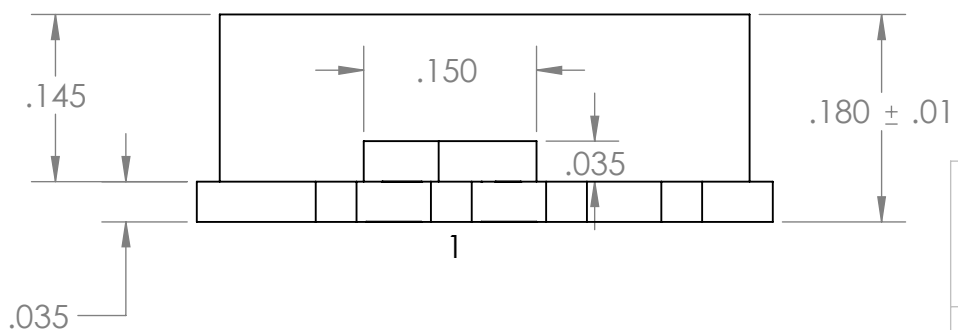
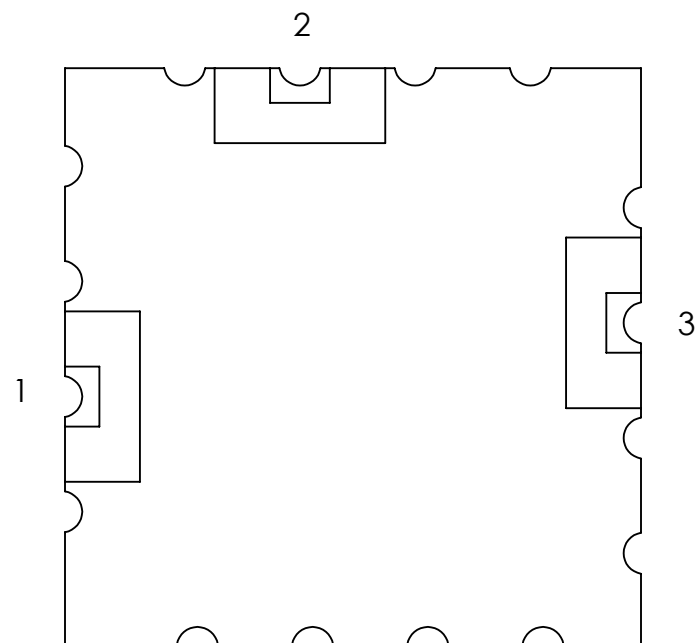
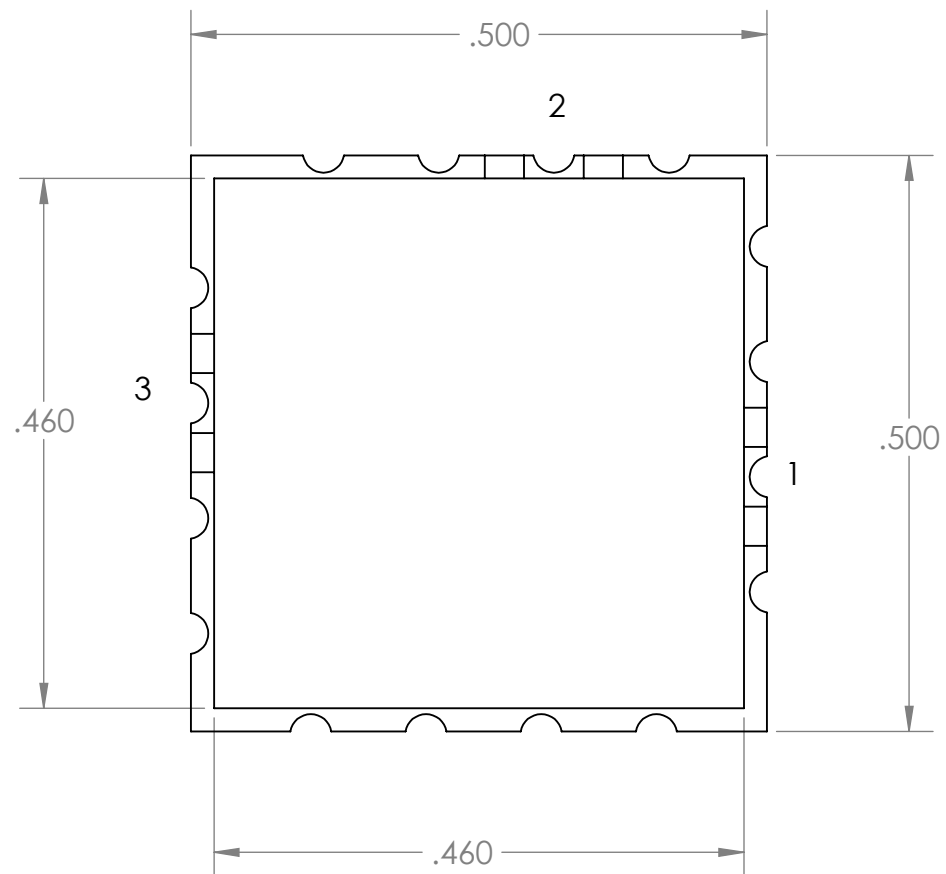




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range		4000		MHz	1	..	..
Tuning Voltage	0.5		4.5	V	1	..	..
Modulation Sensitivity		5.5		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	-3	0	3	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-90	-85	dBc/Hz	1	..	..
10 KHz Offset		-115	-110	dBc/Hz	1	..	..
100 KHz Offset		-135	-130	dBc/Hz	1	..	..
1 MHz Offset		-155	-150	dBc/Hz	1	..	..
10 MHz Offset		-164	-155	dBc/Hz	1	..	..
Pushing		0.2	0.5	MHz/V	3	..	..
Pulling (12dB RL, any phase)		0.1	0.3	MHz _{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		10		pF	2	..	..
Harmonics		-15	-10	dBc	3	..	..
Vcc		4.5		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

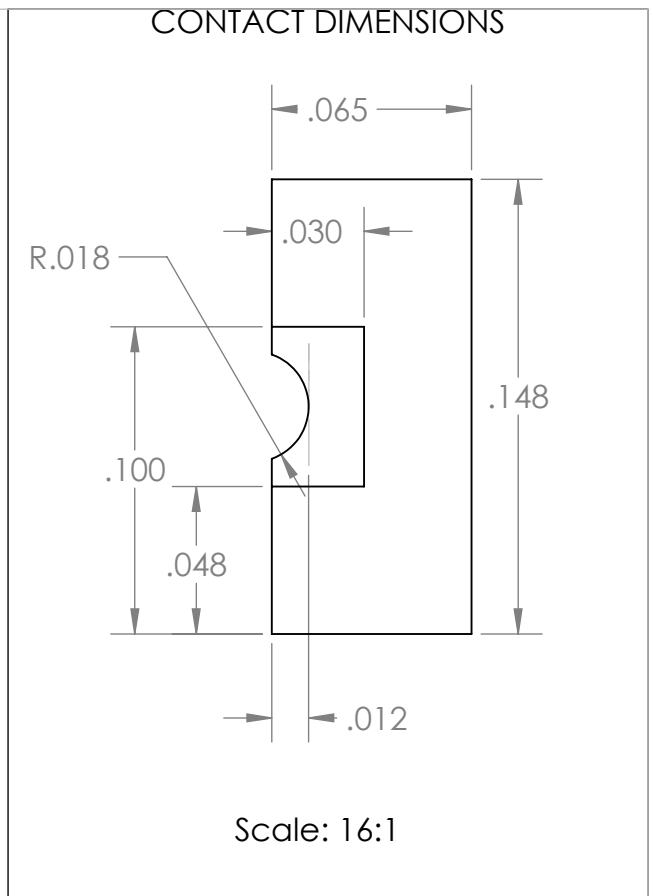
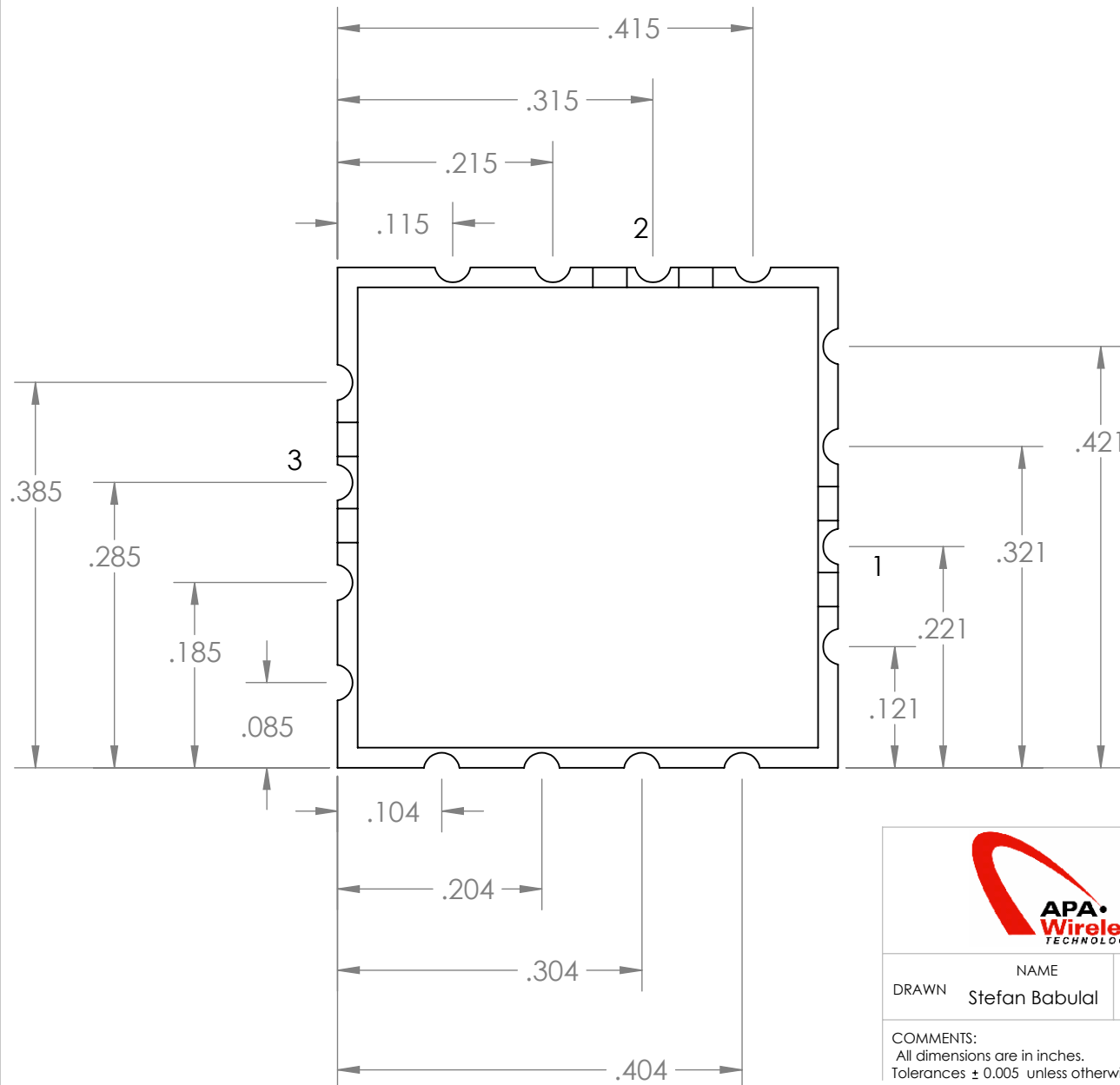


CONTACT ASSIGNMENTS
1. RF OUT
2. SUPPLY INPUT
3. TUNING VOLTAGE INPUT
ALL OTHER CONTACTS ARE GROUND



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

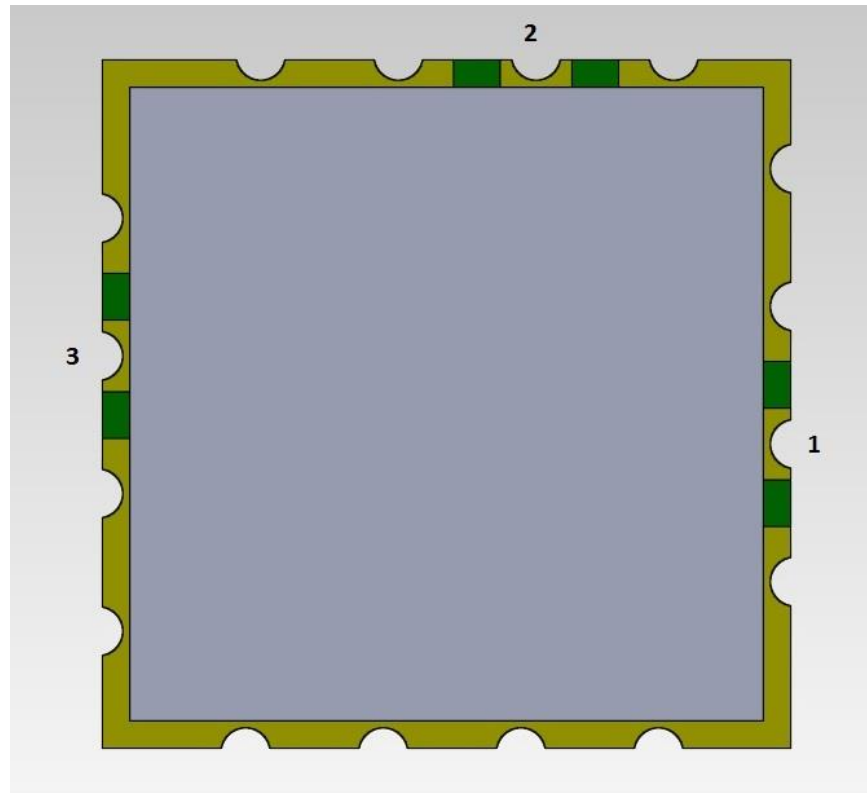
DRAWN	NAME Stefan Babulal	DATE 2/17/2017
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted		



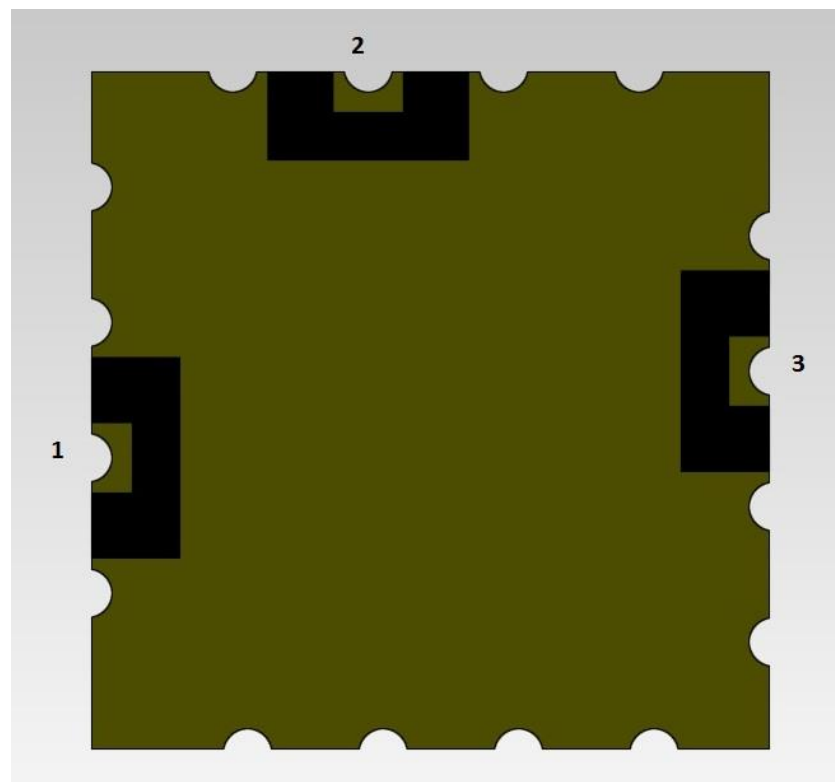
DRAWN	NAME Stefan Babulal	DATE 2/17/2017
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COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

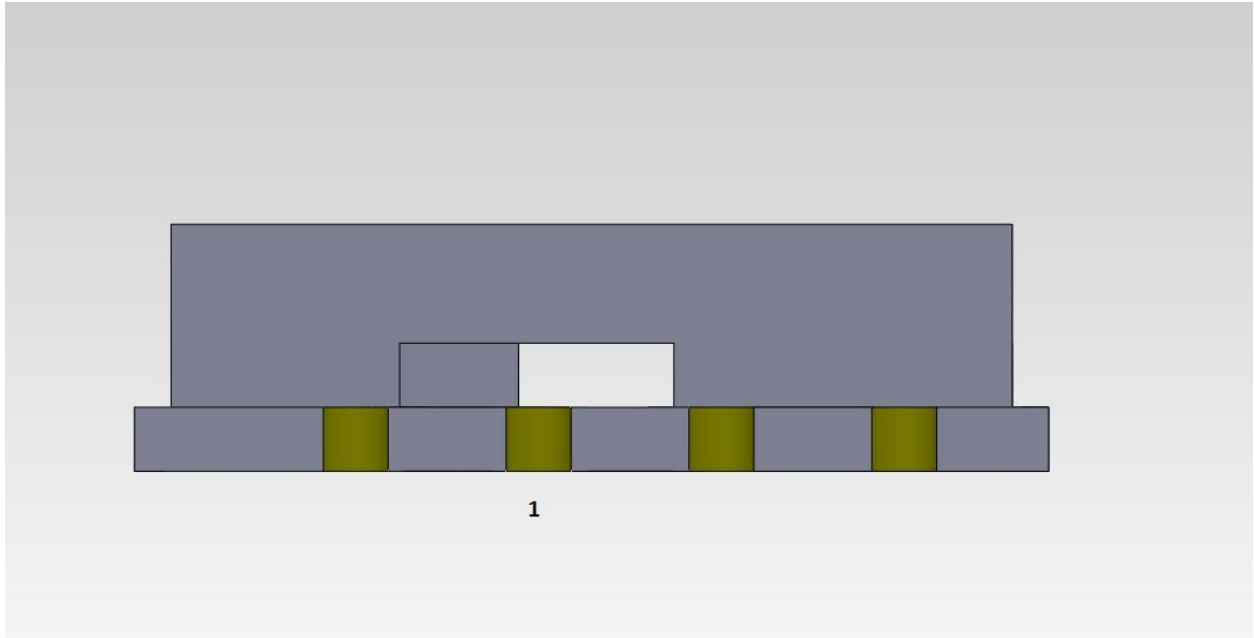
TITLE: SMUA_180		
SIZE A	DWG. NO. 1	REV
SCALE: 6:1	unit: inch	SHEET 2 OF 2



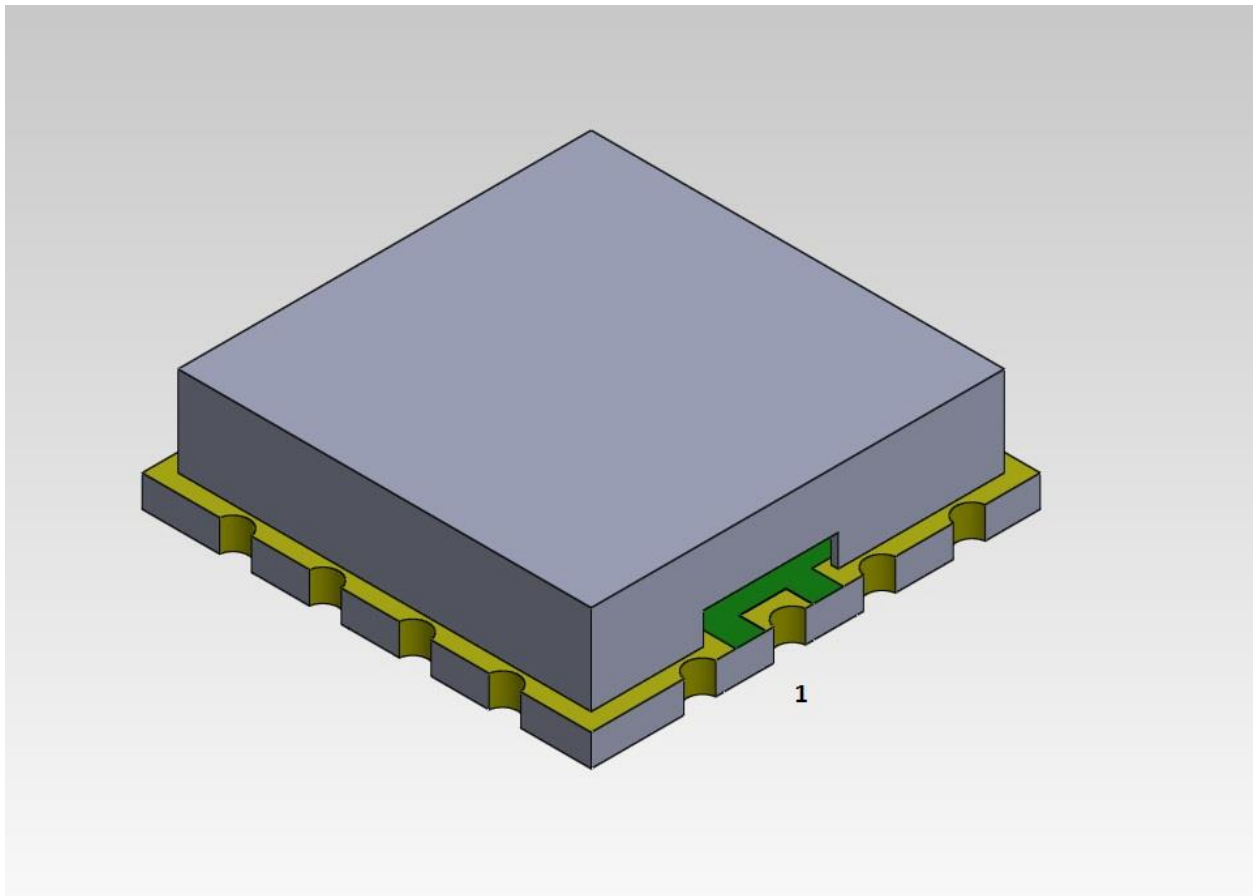
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW