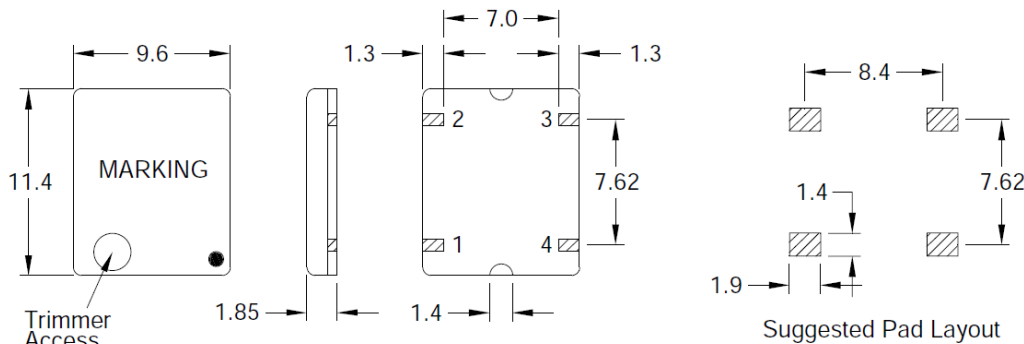
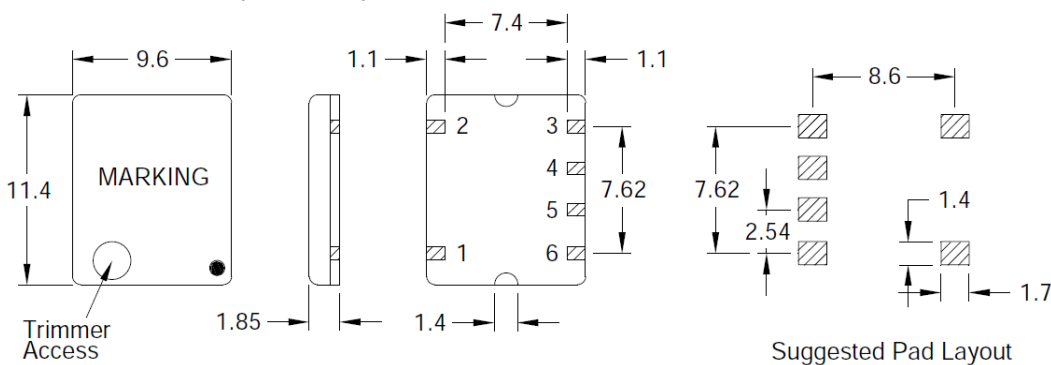


QSMO-5410 (4 Pads)



PAD CONNECTIONS	
PAD 1:	Vcont or NC
PAD 2:	Ground
PAD 3:	Out
PAD 4:	+Vcc

QSMO-5420 (6 Pads)



PAD CONNECTIONS	
PAD 1, 2, 4:	Ground
PAD 3:	Out
PAD 5:	Vcont or NC
PAD 6:	+Vcc

Series Number	TCXO	VCTCXO	VCTCXO
	QSMO-5410 B ___ ⁽¹⁾ ___ ⁽²⁾ QSMO-5420 B ___ ⁽¹⁾ ___ ⁽²⁾	QSMO-5410 F ___ ⁽¹⁾ ___ ⁽²⁾ QSMO-5420 F ___ ⁽¹⁾ ___ ⁽²⁾	QSMO-5410 T ___ ⁽¹⁾ ___ ⁽²⁾ QSMO-5420 T ___ ⁽¹⁾ ___ ⁽²⁾
Standard Frequencies (MHz)	10 12.8	13 14.4 15.36 16	19.2 20
Frequency Range	9.6 ~ 40 MHz		
Overall Frequency Stability (Max) (S) ⁽¹⁾	A = ±1.0ppm (-20° ~ +70°C) B = ±2.5ppm (-30° ~ +75°C) C = ±2.5ppm (+40° ~ +85°C)		
Frequency Voltage Change (Max) ⁽³⁾	±0.3ppm / +3.0V ±5%		
Output (Min) ⁽³⁾	0.8Vp-p min (<16 MHz), 0.7Vp-p min (≥16 MHz) Clipped Sine Wave DC Cut		
Load	10k Ohms // 10pF		
Supply Voltage (V) ⁽²⁾	L = +3.0V ±5% M = +3.3V ±5% S = +5.5V ±5%		
Current (Max) ⁽³⁾	1.5mA (<16 MHz), 2.0mA (≥16 MHz)		
Aging (Max)	±1.0ppm / Year @ 25°C		
Frequency Adjustment (Min)	±3.0ppm		Trimmerless
Control Voltage	N/A	±5ppm ~ ±10ppm (+1.5V ±1V)	±8ppm ~ ±14ppm (+1.5V ±1V)
Preset Frequency (Max)	±0.5ppm / +25°C ±2°C		±2ppm / +25°C ±2°C

Note (1): Customer to add 'A' or 'B' or 'C' to part number for Frequency Stability (S)

Note (2): Customer to add 'L' or 'M' or 'S' to part number for Supply Voltage (V)

Note (3): Subject to change based on supply voltage

Note: The above specifications are typical only. Please contact our Sales Department for specific requirements.

