

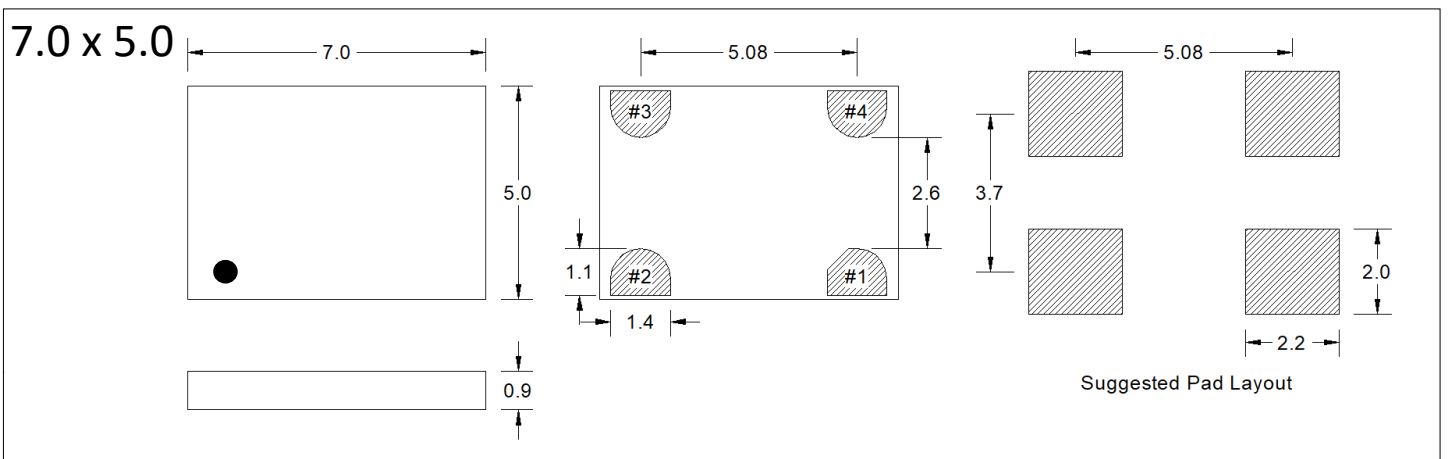
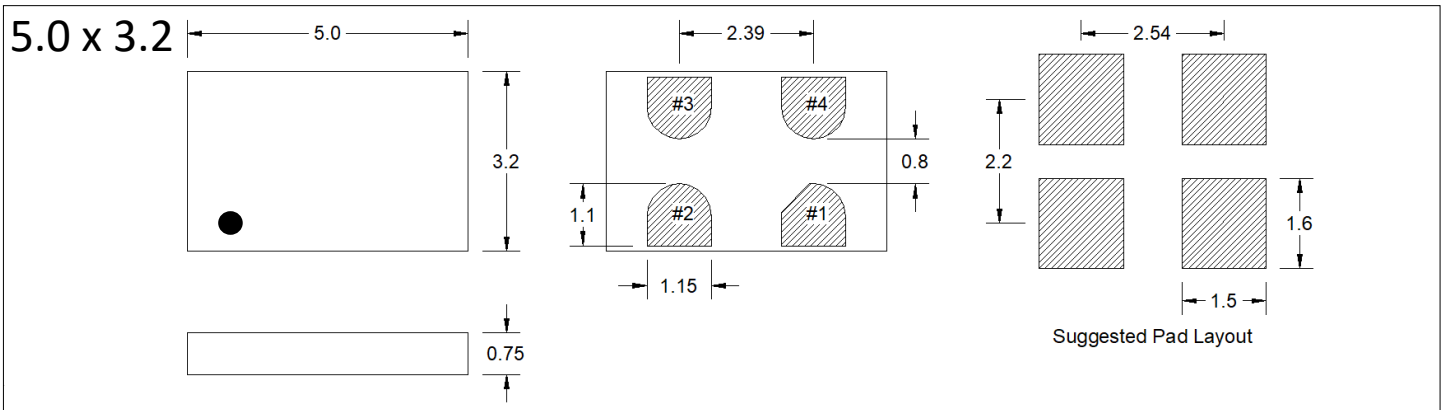
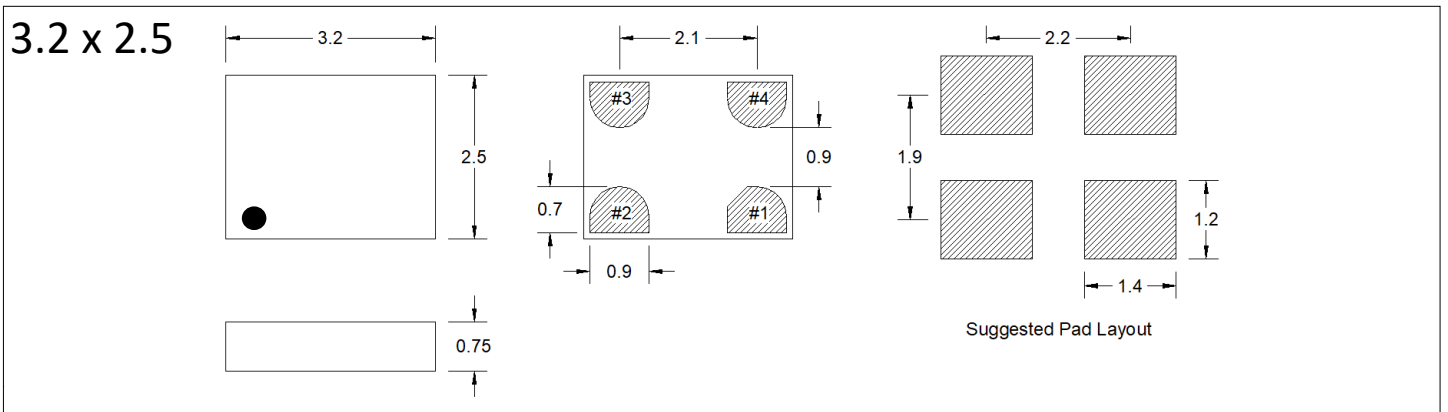
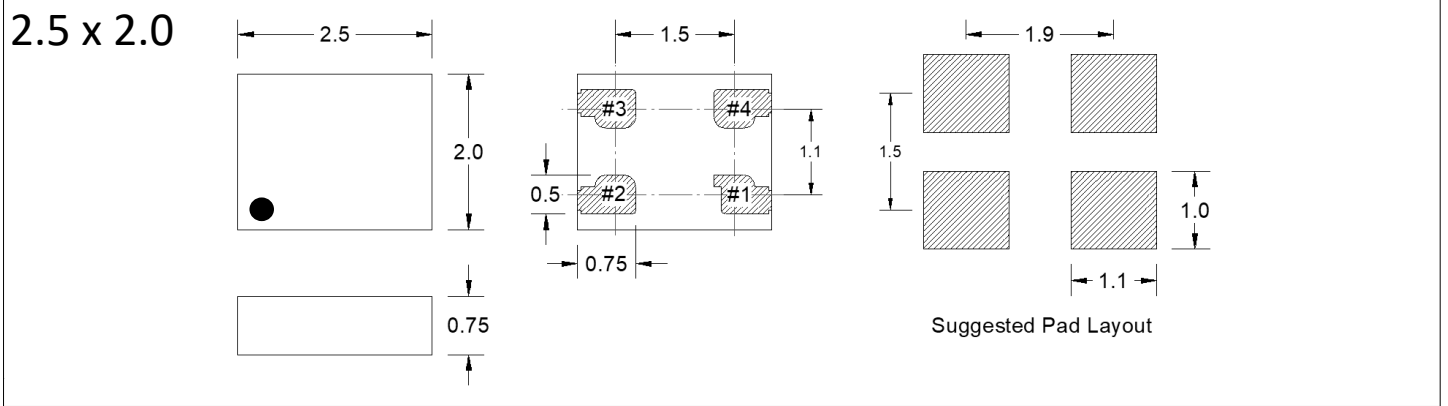
Please see over for additional packages

Pin Connections	
Pin 1	OE / ST / NC
Pin 2	Ground
Pin 3	Output
Pin 4	V <sub>CC</sub>

Specification	MEMS 8008
Output Type	LVC MOS / HCMOS
Frequency Range	1.0 ~ 110 MHz
Supply Voltage	1.8V ~ 3.3V
Frequency Stability	±20 ppm ~ ±50 ppm, or customer specify
Current Consumption	4.5mA Max.
Standby Current	4.3mA Max.
OE Disable Current	4.2mA Max.
Operating Temperature	-40 ~ +85°C
Duty Cycle	45 ~ 55%
Rise / Fall Time	2.5ns Max.
Voltage Vol (Max) / Voh (Min)	10% V <sub>CC</sub> / 90% V <sub>CC</sub>
Voltage Vil (Max) / Vih (Min)	30% V <sub>CC</sub> / 70% V <sub>CC</sub>
Input Pull-up Impedance	150KΩ Max. (Pin 1 Logic High)
	2MΩ Min. (Pin 1 Logic Low)
Start-up Time	5ms Max.
Enable / Disable Time	130ns Max.
Resume Time	5ms Max.
RMS Period Jitter	3pS Max.
Peak to Peak Period Jitter	30pS Max.
RMS Phase Jitter (12kHz ~ 20MHz)	2pS Max.
Storage Temperature	-65 ~ +150°C
Tape & Reel	2.0 x 1.6, 2.5 x 2.0, 3.2 x 2.5
	5.0 x 3.2, 7.0 x 5.0
	3000 Units / Reel
	1000 Units / Reel

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





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