

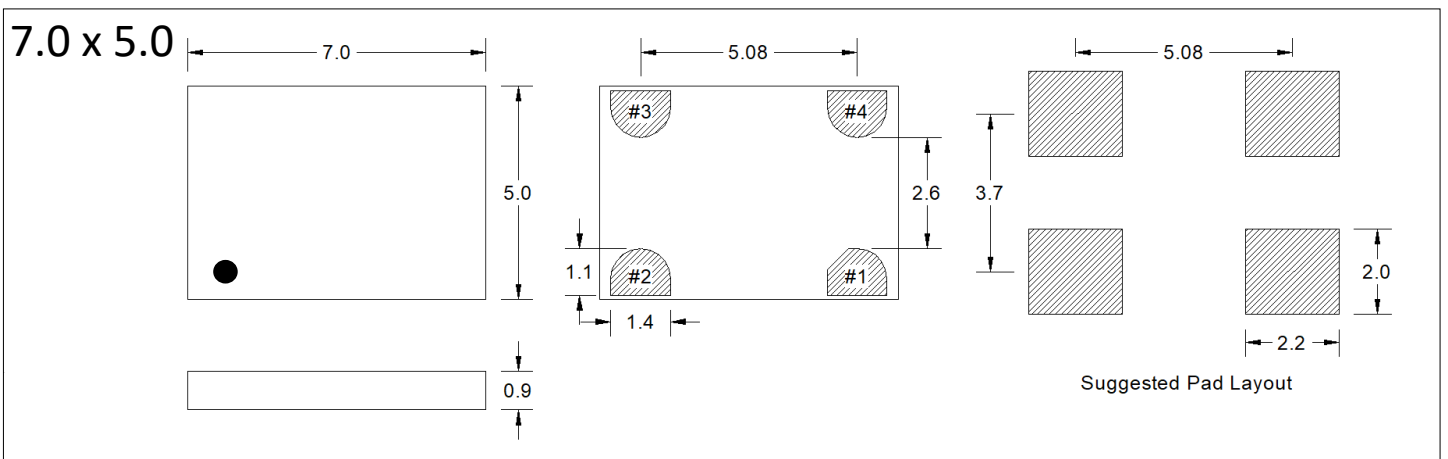
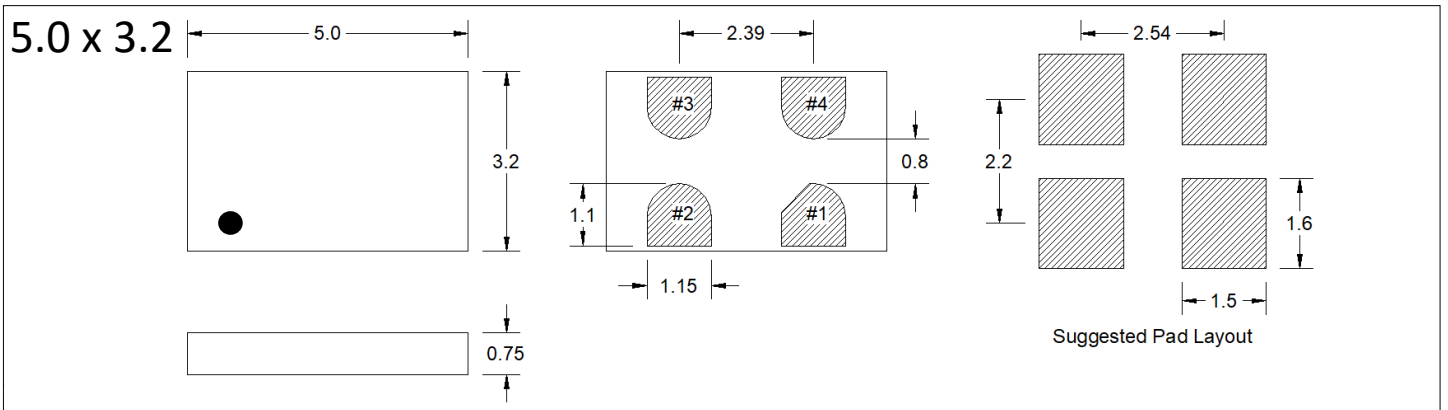
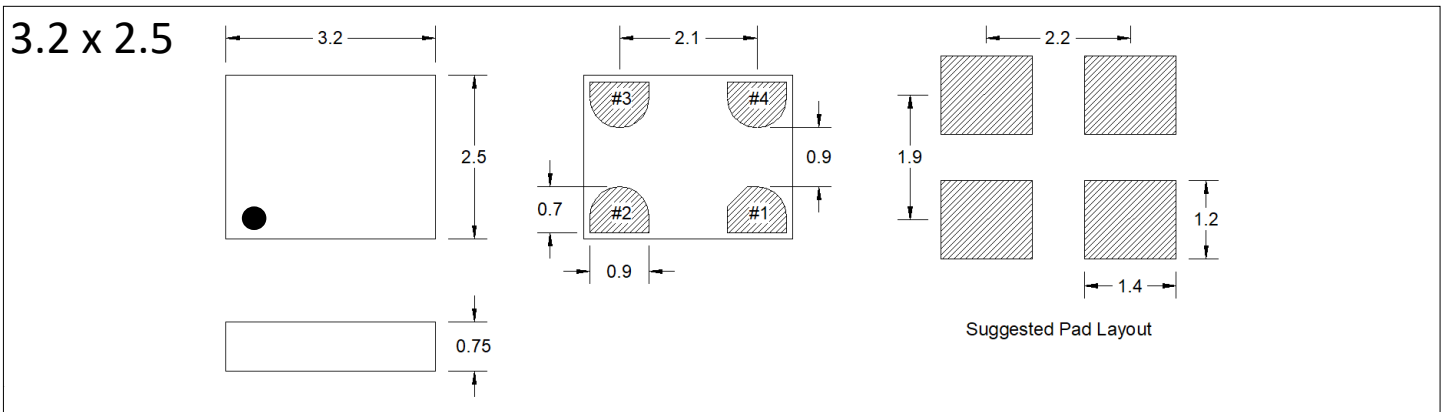
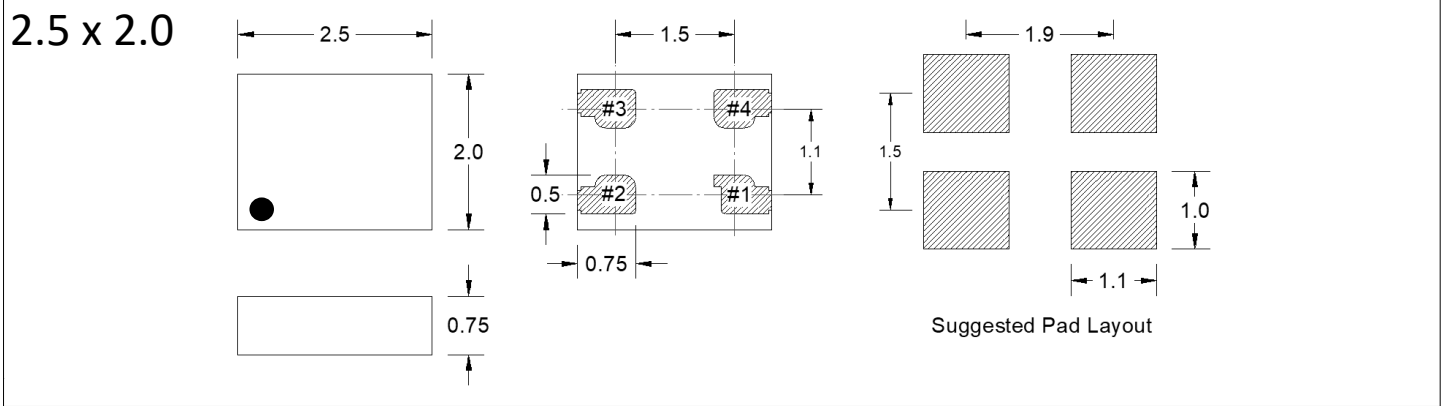
Please see over for additional packages

Pin Connections	
Pin 1	OE / ST / NC
Pin 2	Ground
Pin 3	Output
Pin 4	V _{CC}

Series Number	MEMS 8009	
Output Type	LVCMOS / HCMOS	
Frequency Range	115 ~ 137 MHz	
Supply Voltage	1.8V ~ 3.3V	
Frequency Stability	±20 ppm ~ ±50 ppm, or customer specify	
Current Consumption	7.5mA 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 _{CC} / 90% V _{CC}	
Voltage Vil (Max) / Vih (Min)	30% V _{CC} / 70% V _{CC}	
Input Pull-up Impedance	150KΩ Max. (Pin 1 Logic High)	
	2MΩ Min. (Pin 1 Logic Low)	
Start-up Time	5ms Max.	
Enable / Disable Time	122ns Max.	
Resume Time	5ms Max.	
RMS Period Jitter	4pS 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	3000 Units / Reel
	5.0 x 3.2, 7.0 x 5.0	1000 Units / Reel

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





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