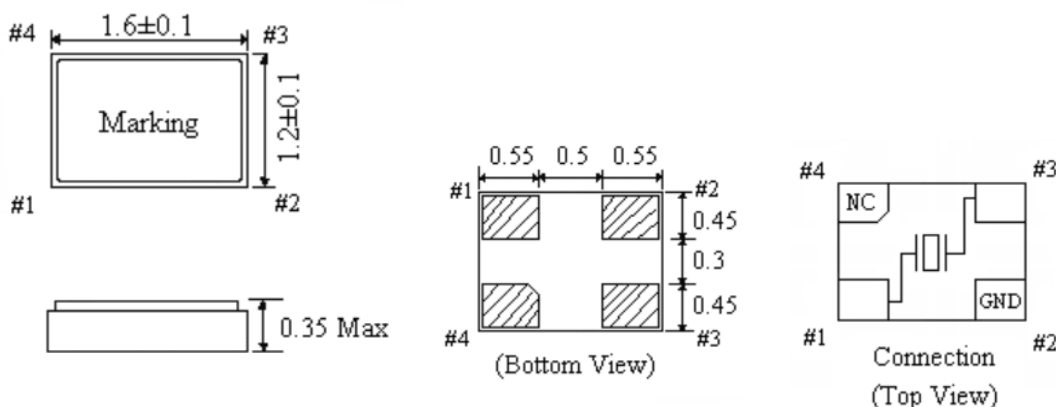


<b>STANDARD SPECIFICATIONS</b>			
Frequency Range	24.0 MHz to 60.0 MHz (Fundamental)		
Vibration Mode	AT Cut Fundamental		
Frequency Tolerance (25°C)	± 10 ppm (see Crystal Part Number Guide for more details)		
Load Capacitance (CL)	8.0pF, 12.0pF (see Crystal Part Number Guide for more details)		
Equivalent Series Resistance (E.S.R.)	<b>Frequency (MHz)</b>	<b>Mode</b>	<b>ESR</b>
	24.0 ~40.9	Fundamental	150 Ohms Max.
	41.0 ~ 60.0	Fundamental	100 Ohms Max.
Aging (First Year @ 25°C)	±2 ppm/year max, ±5 ppm/year max		
Frequency Stability over Operating Temperature	± 50 ppm Standard (see Crystal Part Number Guide for more details)		
Drive Level	100µW Max.		
Operating Temperature Range	-40°C ~+125°C (see Crystal Part Number Guide for more details)		
Storage Temperature Range	-50 °C ~+150 °C		
<b>Ordering Instructions (see Crystal Part Number Guide for more details)</b>			
<b>Example: QVS Part # = QCA250-21KF8-24.000</b>			
QCA250 -	±50ppm(@ 25°) 2	±50ppm(Over Temp) 1	-40°C~+125°C K
			Fundamental F
			Load Cap. 8.0pF
			Freq. -24.000MHz

See Engineering-Technical Info for Solder Re-flow and Tape and Reel Specs

### Dimensions (Unit:mm)



### QVS TECH INC

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Specifications subject to change without notice (Rev IR)