

STANDARD SPECIFICATIONS

Frequency Range	14 MHz to 40 MHz
Vibration Mode	Fundamental
Frequency Tolerance (25 °C)	± 50 ppm Standard (see Crystal Part Number Guide for more details)
Load Capacitance (CL)	18pF Standard (see Crystal Part Number Guide for more details)
Shunt Capacitance (Co)	7pF max
Equivalent Series Resistance (E.S.R)	100 Ω max
Aging (First Year @ 25°C)	±5 ppm max
Frequency Stability over Operating Temperature	± 100 ppm Standard (see Crystal Part Number Guide for more details)
Drive Level	10μW~100μW
Operating Temperature Range	0°C ~+70°C Standard (see Crystal Part Number Guide for more details)
Storage Temperature Range	-40 °C ~+85 °C Standard

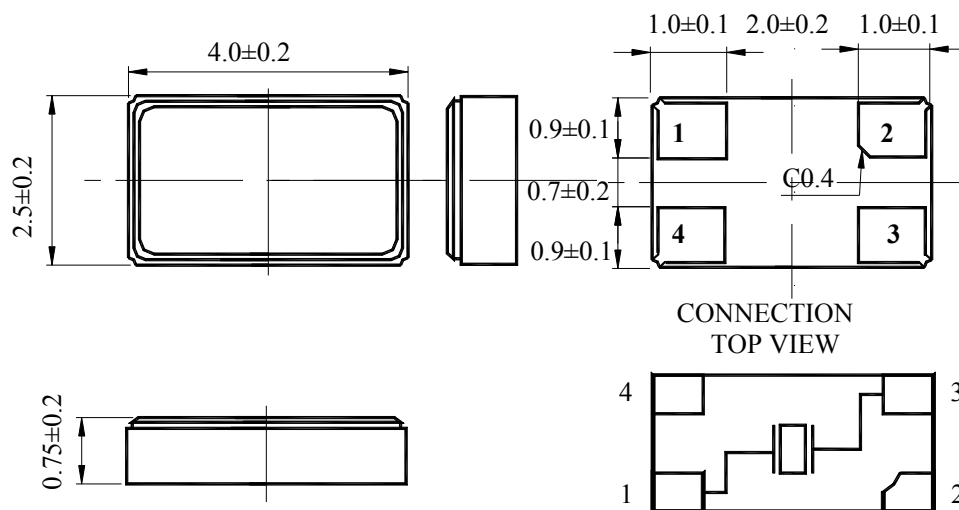
Ordering Instructions (see Crystal Part Number Guide for more details)

Example: QVS Part # QCM80-21AFT18-20.000MHz

QCM80-	±50ppm(@ 25°)	±100ppm(Over Temp)	0°C~+70°C	Fundamental	Tape & Reel	Load Cap.	Freq.
	2	1	A	F	T	18pF	-20.000MHz

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

DIMENSIONS (Unit:mm)



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Specifications subject to change without notice (Rev A)