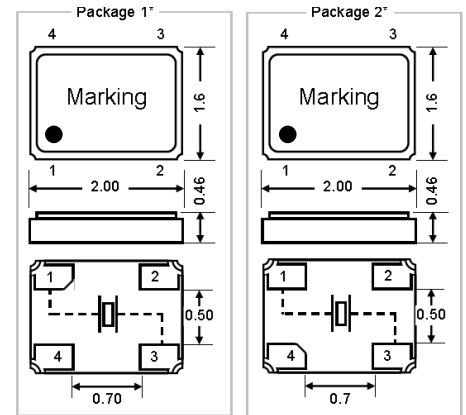
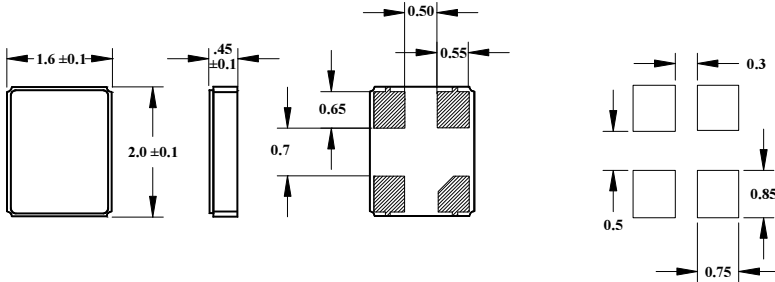


STANDARD SPECIFICATIONS	
Frequency Range	26.000 MHz to 60.000 MHz
Vibration Mode	Fundamental
Frequency Tolerance (25 °C)	± 10 ppm Standard (see Crystal Part Number Guide for more details)
Load Capacitance (CL)	10 pF Standard (see Crystal Part Number Guide for more details)
Shunt Capacitance (Co)	7 pF Max.
Equivalent Series Resistance (E.S.R)	26 MHz to 45 MHz 200 Ω Max. 45 MHz to 60 MHz 100 Ω Max.
Aging	± 5 ppm / year Max.
Frequency Stability over Operating Temperature	± 20 ppm Standard (see Crystal Part Number Guide for more details)
Drive Level	100 μW Max.
Operating Temperature Range	0° C to +70° C Standard (see Crystal Part Number Guide for more details)
Storage Temperature Range	-40° C to +85° C
Ordering Instructions (see Crystal Part Number Guide for more details)	
Example: QVS Part Number = QCM100 – 97AF18 – 25.000	
±10 ppm @ 25° C	± 20 ppm over Temp.
QCM100 - 9	7
0° C to +70° C	Fundamental
A	F
Load Cap.	Freq.
18 pF	- 25.000 MHz

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

Dimensions: (Unit=mm)



* Package 1 and 2 are provided interchangeably based on material availability.
 ** Different chamfer location between package 1 and 2.

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Specifications subject to change without notice (Rev F)