QCM100 Series

RoHS Compliant

SMD Crystal, 4 pads, 2.0 x 1.6 x 0.45 mm

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	50 µW Typical	
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	

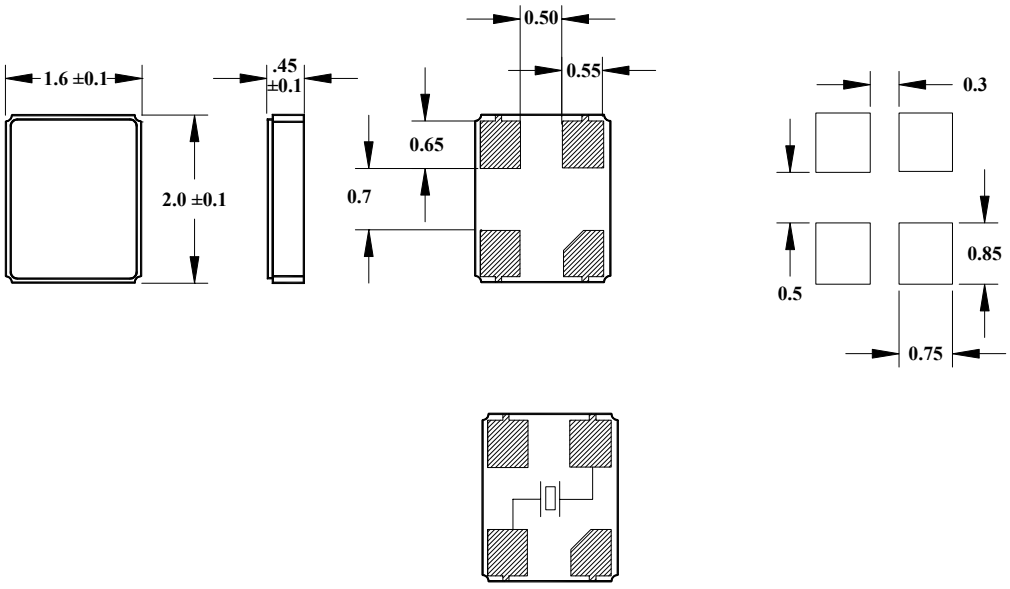
Ordering Instructions (see Crystal Part Number Guide for more details)

Example: QVS Part Number = QCM100 – 97AF18 – 25.000

	±10 ppm @ 25° C	± 20 ppm over Temp.	0° C to +70° C	Fundamental	Load Cap.	Freq.
QCM100 -	9	7	A	F	18 pF	- 25.000 MHz

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

Dimensions: (Unit=mm)



QVS TECH INC

6965 El Camino Real, Ste 105 Carlsbad, CA 92009 Phone: 760-929-8677 Fax: 760-929-8677

Email: sales@qvstech.com • www.qvstech.com