QCM95 Series

SMD Crystal, 4 pads, 2.5 x 2.0 x 0.55mm

RoHS Compliant

STANDARD SPECIFICATIONS

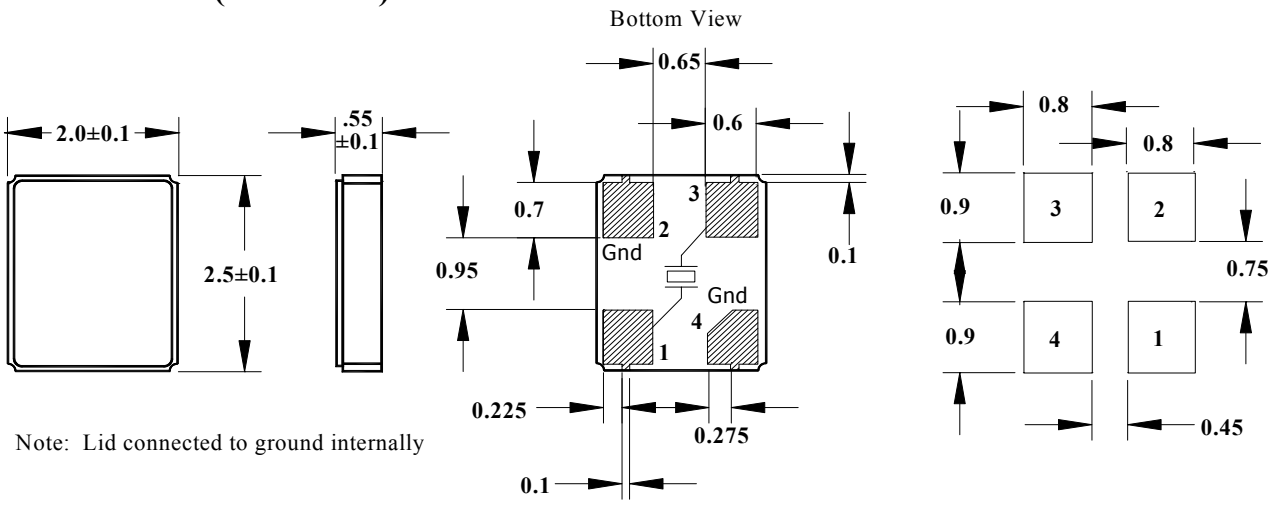
Frequency Range	20.000 MHz to 60.000 MHz	
Vibration Mode	Fundamental	
Frequency Tolerance (25° C)	± 50 ppm Standard (see Crystal Part Number Guide for more details)	
Load Capacitance (CL)	10 pF Standard (see Crystal Part Number Guide for more details)	
Shunt Capacitance (Co)	7 pF Max.	
Equivalent Series Resistance (E.S.R)	20 MHz to 30 Mhz 100 Ω Max.	30 MHz to 60 Mhz 60 Ω Max.
Aging	± 5 ppm / year Max.	
Frequency Stability over Operating Temperature	± 50 ppm Standard (see Crystal Part Number Guide for more details)	
Drive Level	200 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 = QCM95 – 22AF10 - 20.000

	± 50 ppm @ 25° C	± 50 ppm over Temp.	0° C to +70° C	Fundamental	Load Cap.	Freq.
QCM95 -	2	2	A	F	10 pF	- 20.000MHz

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

Dimensions: (Unit=mm)



Note: Lid connected to ground internally

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Specifications subject to change without notice (Rev A)