

QCM95 Series

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

STANDARD SPECIFICATIONS

Frequency Range	12.000 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)	See table below
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

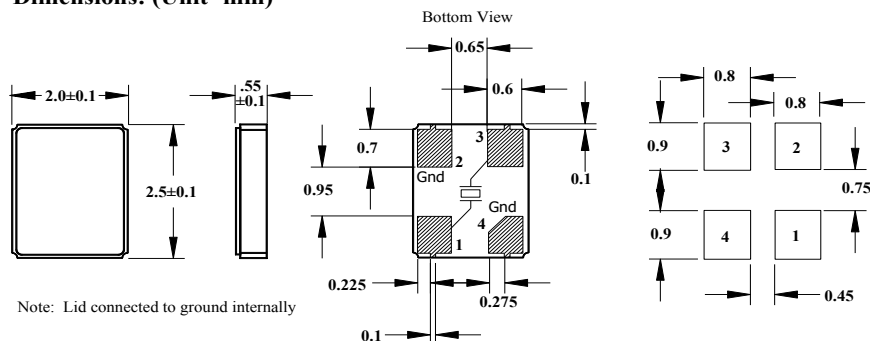
	± 50 ppm @ 25° C	± 50 ppm over Temp.	0° C to +70° C	Fundamental	Load Cap.	Freq.
QCM95 -	2	2	A	F	10 pF	- 20.000MHz

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

Equivalent Series Resistance (E.S.R.)

Frequency Range (MHz)	Max ESR (Ω)
12.0 to 19.99	100
20.0 to 29.99	80
30.0 to 39.99	60
40.0 to 60.0	40

Dimensions: (Unit=mm)



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Specifications subject to change without notice (Rev B)