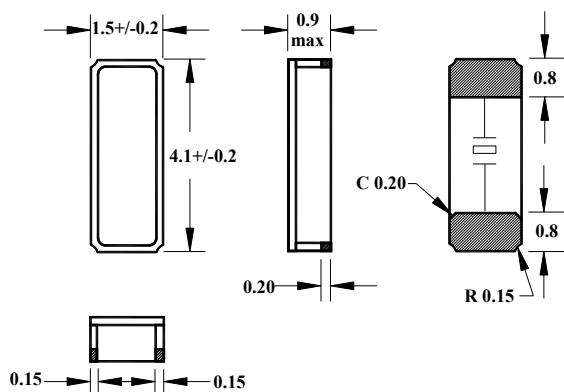


QV3YSeries

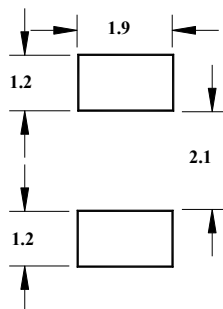
SMD Crystal, 2 pads, 4.1×1.5×0.9 mm, X-CUT

STANDARD SPECIFICATIONS	
Frequency Range	32.768 KHz
Frequency Tolerance (25 °C)	± 20 ppm (see Crystal Part Number Guide for more details)
Load Capacitance (CL)	12.5 pF Standard or 7 pF
Shunt Capacitance (Co)	0.9 pF to 1.0pF, Typical
Motional Capacitance	0.0020 pF Typical
Equivalent Series Resistance (E.S.R.)	70 kΩ max
Turnover Temperature	+25 °C ± 5 °C
Aging	± 3 ppm max at +25 °C
Drive Level	0.5 μW max
Parabolic Curvature Constant	-0.03 ± 0.1 ppm / °C ² , max
Reflow Soldering Condition	10 seconds max at +260 °C
Insulation resistance	500 Mohms min. at 100 Vdc ± 15 Vdc
Operating Temperature Range	-40 °C to +85 °C Standard (see Crystal Part Number Guide for more details)
Storage Temperature Range	-40 °C to +85 °C Standard
Holder Type	Ordering Instructions (see Crystal Part Number Guide for more details)
Example: QVS Part # = QV3Y-2XAF12.5-32.768KHz	
QV3Y-	±20ppm(@ 25°)
7	See Graph
X	-40°C~+85°C
D	Mode
F	Load Cap.
12.5pF	Freq.
-32.768 KHz	

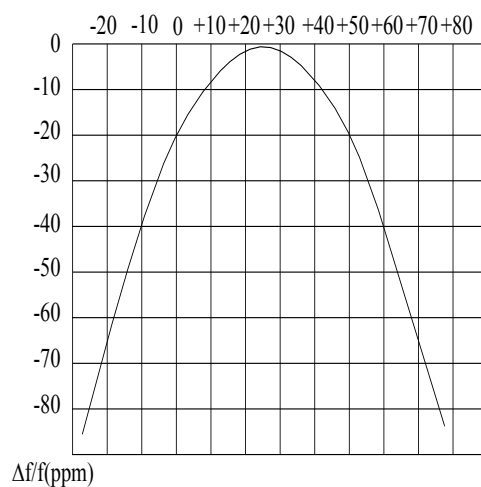
UNIT DIMENSION: mm



Pad Layout



X-CUT
Temperature(°C)



TYPICAL TEMPERATURE CHARACTERISTICS

QVS TECH INC

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Specifications subject to change without notice (Rev A)