QVS38C Series

Thru-Hole Crystal, 3x8mm, X-cut

RoHS Compliant

STANDARD SPECIFICATIONS	
Frequency Range	20.000 KHz ~ 165.000 KHz
Calibration Tolerance (25 °C)	±50 ppm Standard (see Crystal Part Number Guide for more details)
Load Capacitance(CL)	11 pF Standard (see Crystal Part Number Guide for more details)
Shunt Capacitance(C_O)	1.7 pF Standard
Drive Level (P)	1.0µW max
Aging	±5 ppm per year max
Turnover Temperature	+25 °C ± 5 °C
Operating Temperature Range	-10°C to + 60°C Standard (see Crystal Part Number Guide for more details)
Storage Temperature Range	-40 °C ~+85 °C Standard

3×8mm STANDARD FREQUENCIES

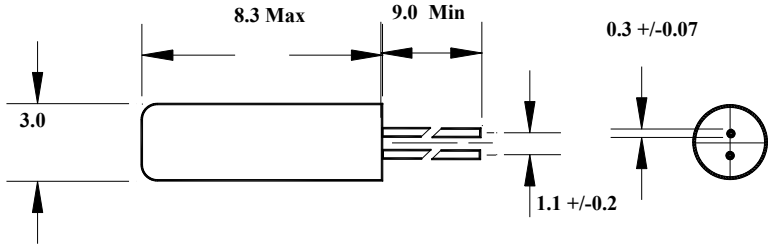
Frequency (KHz)	Max. ESR (KΩ)	Frequency (KHz)	Max. ESR (KΩ)	Frequency (KHz)	Max. ESR (KΩ)	Frequency (KHz)	Max. ESR (KΩ)	Frequency (KHz)	Max. ESR (KΩ)
20.000	40	28.000	40	35.000	30	44.000	30	77.283	25
20.480	40	29.600	40	37.449	30	45.000	30	77.500	25
22.000	40	30.000	30	37.813	30	46.080	30	81.920	25
24.000	40	30.720	30	38.000	30	49.000	30	86.000	25
24.576	40	31.250	30	38.400	30	50.000	30	96.000	25
25.000	40	31.468	30	39.768	30	54.000	30	100.000	20
25.300	40	31.500	30	40.000	30	56.800	30	102.4000	20
25.600	40	32.000	30	40.680	30	60.000	30	112.640	20
26.000	40	32.325	30	40.960	30	65.536	30	120.000	20
26.300	40	32.857	30	42.000	30	70.000	30	131.072	20
26.304	40	33.750	30	43.000	30	75.000	25	150.000	20
27.000	40	34.680	30						

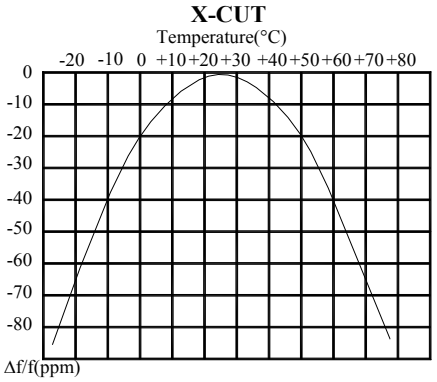
Ordering Instructions (see Crystal Part Number Guide for more details)

Example: QVS Part # = QVS38C-2XBF11-20.000 KHz

	±50ppm(@ 25°)	X Cut Curve	-10°C~+60°C	Fundamental	Load Cap.	Freq.
QVS38C-	2	X	B	F	11 pF	-20.000 KHz

DIMENSION UNITS: mm





TYPICAL TEMPERATURE CHARACTERISTICS

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Specifications subject to change without notice (Rev A)