

## STANDARD PERFORMANCE REPRESENTATION

■ Temperature Range -10°C to 60°C Stability (ppm) ±3 to ±100 Load Capacitance (C<sub>L</sub>) Series to 150pF

Calibration ppm at 25°C ±5 to ±50 (±10ppm typical)

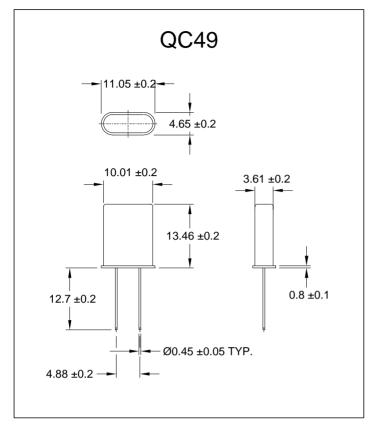
**ESR** R<sub>1</sub> Refer table Shunt (C<sub>O</sub>) 7pF Maximum Motional Capacitance (C<sub>1</sub>) Refer table Drive Level 0.5mW Typical

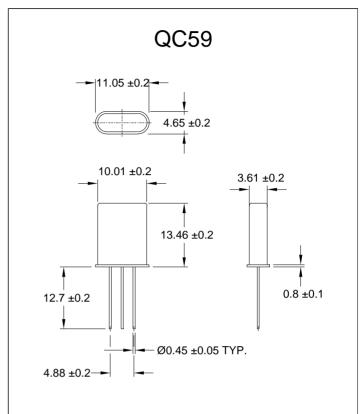
Mode	Frequency Range (MHz)	Max. ESR (Ohms)*	C <sub>1</sub> Typ. (fF)*
Fund.	3 to 45	20 to 180	5 to 30
3rd	18 to 90	40	1 to 2.5
5th	60 to 150	60	0.70
7th	125 to 175	120	0.35
9th	175 to 200	120	0.20

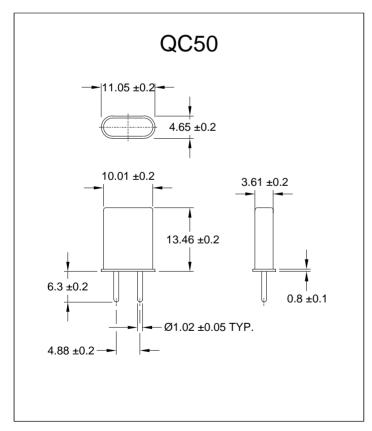
Above parameters are for standard crystal units.

Hy-Q sales office should be contacted for special requirements.

\* Value dependent upon frequency.







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■ ESR R<sub>1</sub> Refer table
■ Shunt (C<sub>O</sub>) 7pF Maximum
■ Motional Capacitance (C<sub>1</sub>) Refer table
■ Drive Level 0.5mW Typical

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## Note:

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