



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

* Value Dependant upon Frequency



Operating Temperature Range	Frequency Stability (Ref. to 25°C)	Load Capacitance (C _L)	Calibration @ 25°C	Equivalent Series Resistance	Shunt (C ₀)	Motional Capacitance	Drive Level
-10°C ~ +60°C	±3ppm ~ ±100ppm	Series to 150pF	±5ppm to ±50ppm (±10ppm typical)	R ₁ - Refer to table above	7pF Max.	C ₁ - Refer to table above	0.5mW (Typical)

Note: The above specifications are typical only. Please contact our Sales Department for specific requirements.