



Mode	Frequency Range (MHz)	R ₁ Max. ESR (Ohms) *	C ₁ Typical (fF) *	
Fund.	16 ~ 45	30	9 ~ 26	
3rd	40 ~ 90	50 ~ 60	0.5 ~ 1.5	
5th	70 ~ 150	90	0.70	
7th	125 ~ 175	180	0.25	

^{*} Value Dependant upon Frequency

SPECIFICATIONS

Operating Temperature Range	Frequency Stability (Ref. to 25°C)	Load Capacitance (C _L)	Calibration @ 25°C	Equivalent Series Resistance	Shunt (C _o)	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.





Ref.No. 1012-0105-00-02 13 November 2020 All dimensions are in mm and within manufacturing tolerances. Specifications subject to change without notice