

Helping Customers Innovate, Improve & Grow

Table 1. Electrical Performance					
Parameter	Symbol	Min.	Typ	Max	Units
Nominal Frequency	F_{NOM}	24.000		54.000	MHz
Mode		Fundamental, AT - Cut			
Operating Temperature Range	T_{OP}	0/70, -10/70, -20/70, -40/85			°C
Stability Over T_{OP}^1	F_{STAB}	±15		±100	ppm
Frequency Tolerance ²	F_{TOL}		±15		ppm
Load Capacitance	C_L	6		32	pF
Shunt Capacitance	C_o			5	pF
Drive Level			10	100	uW
Aging / 1st year (at 25 °C)	F_{AGE}			±5	ppm
Insulation Resistance		500			MOhm
Storage Temperature	T_{STO}	-40		90	°C
Equivalent Series Resistance					
Crystal Frequency 24.000MHz-37.399MHz 37.400MHz-54.000MHz	ESR			100 80	Ohm

Notes:

1. Referenced to the Frequency at 25 °C.
2. Frequency measured at 25 °C ± 3 °C.

Product is compliant to RoHS directive and fully compatible with lead free assembly.



Package Drawing

