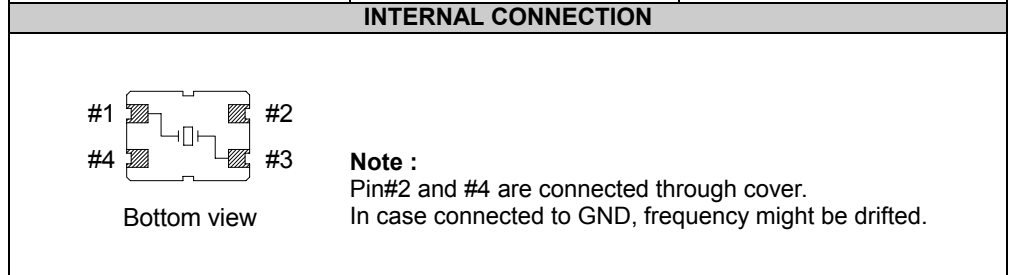


ELECTRICAL SPECIFICATIONS			
Frequency range	6.000MHz ~ 70.000MHz		
Frequency tolerance	±20ppm	±30ppm	± 50ppm
Frequency stability	±30ppm	±50ppm	±100ppm
Operating temperature range	-0 °C ~ 70 °C	-20 °C ~ 70 °C	-40 °C ~ 85 °C
Operable temperature range	-40 °C ~ 85 °C		
Storage temperature range	-55 °C ~ 125 °C		
Shunt capacitance (C0)	7pF max.		
Load capacitance (CL)	7pF to 33pF, Series		
Drive level	100µW max. (Typical)		
Aging (at 25 °C)	±5ppm / year max.		
Insulation resistance	500MΩ min.		
Frequency range	ESR (Ω) max.		Oscillation mode
6.000MHz ~ 7.9999MHz	120		Fundamental
8.000MHz ~ 9.7999MHz	80		Fundamental
9.800MHz ~ 15.9999MHz	60		Fundamental
16.000MHz ~ 24.9999MHz	35		Fundamental
25.000MHz ~ 39.9999MHz	40		Fundamental
40.000MHz ~ 70.000Hz	60		3'rd overtone



**ORDERING GUIDE**

SMD-E Frequency :  
Load capacitance : pF  
Crystal impedance : Ω  
Stability : ± ppm (at 25 °C)  
Tolerance : ± ppm ( °C ~ °C)  
Drive level : µW  
Shunt capacitance : pF  
Packing type : Bulk / Reel taping

*Specifications subjects to change without notice & If you need other specifications, Contact our factory.*

**APPLICATIONS CIRCUIT**

