

### OUTLINE DIMENSIONS

S6035A (4 pads)

Top View

Electrode Arrangement

### ELECTRICAL SPECIFICATIONS

Frequency range	7.000MHz ~ 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
8.0000MHz ~ 9.7999MHz	80	Fundamental
9.8000MHz ~ 15.9999MHz	60	Fundamental
16.0000MHz ~ 24.9999MHz	35	Fundamental
25.0000MHz ~ 39.9999MHz	40	Fundamental
40.0000MHz ~ 82.9999MHz	60	3'rd overtone
83.0000MHz ~ 100.6660MHz	80	3'rd overtone

### INTERNAL CONNECTION

Bottom view

**Note :**  
Pin#2 and #4 are connected through cover.  
In case connected to GND, frequency might be drifted.

### ORDERING GUIDE

SMD - F 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

