

◆Features

- Ceramic base with metal lid for excellent long-term stability
- Tight Frequency tolerance and stability
- Ultra-miniature for maximum space saving
- Ideal for Bluetooth/Wireless applications



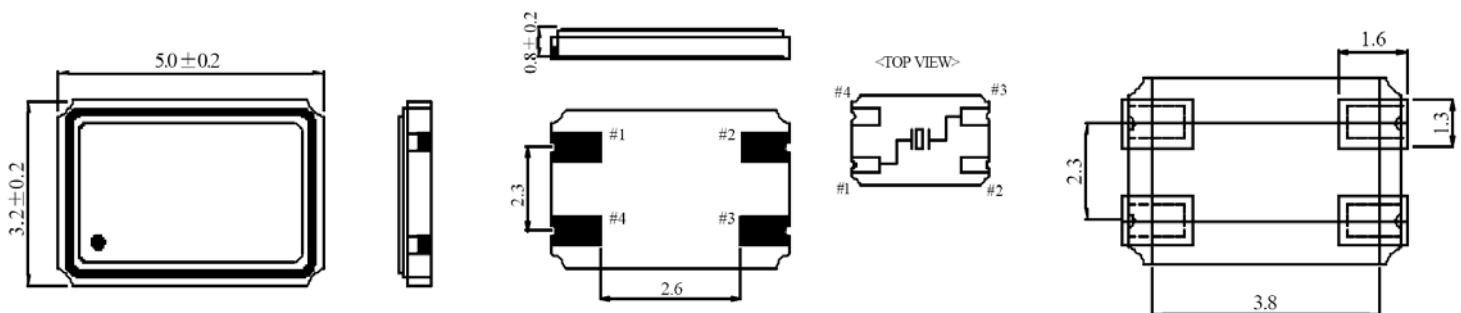
◆Electrical Specifications

Parameter	Specification
Frequency Range F_O	8.000~80.000MHz
Frequency Tolerance at 25°C F_L	±10ppm (±10ppm~±50ppm available)
Frequency Stability over Operating Temp. Range T_L	±10ppm (±10ppm~±50ppm available)
Operating Temperature T_0	-10 ~ +60°C -20~+70°C -30~+85°C
Storage Temperature S_T	-40~+85°C
Load Capacitance C_L	Series 8pf, 10pf, 12pf
Shunt Capacitance C_0	7pF Max.
Equivalent Series Resistance R_S	See below Table
Insulation Resistance I_R	500(DC500±10V)min
Drive Lever D_L	10uW(300uW Max)
Aging@25°C	±5ppm Max.

◆ESR and Mode of Vibration

Frequency Range	Mode	ESR (Ω Max)
8.000~10.000MHz	Fund	150
10.000~12.000MHz	Fund	80
12.000~40.000MHz	Fund	50
40.000~80.000MHz	3 rd Overtone	70

◆Mechanical Dimensions (mm)



Marking #2, #4 is connected with metal cap of top.

◆Part Number Information

FLT-SX5S	—	32.000	—	16	—	10	—	20	—	80	—	T1
Type	Frequency	Capacitance	Tolerance	Stability	ESR	Operating Temp						
	32.000:32.000 MHz	in pF 16:16pF	at 25°C 10: ±10ppm	Over Temp 20: ±20ppm over -20~+70°C	80:80 Ω Max	blank=-20~+70°C T1=-10~+60°C T2=-40~+85°C						

Note: All specifications subject to change without notice.