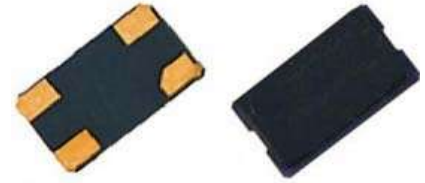


◆Features

- Ceramic SMD Package
- Glass seal
- Tight Tolerance and Stability
- Miniature and Thin for volume application



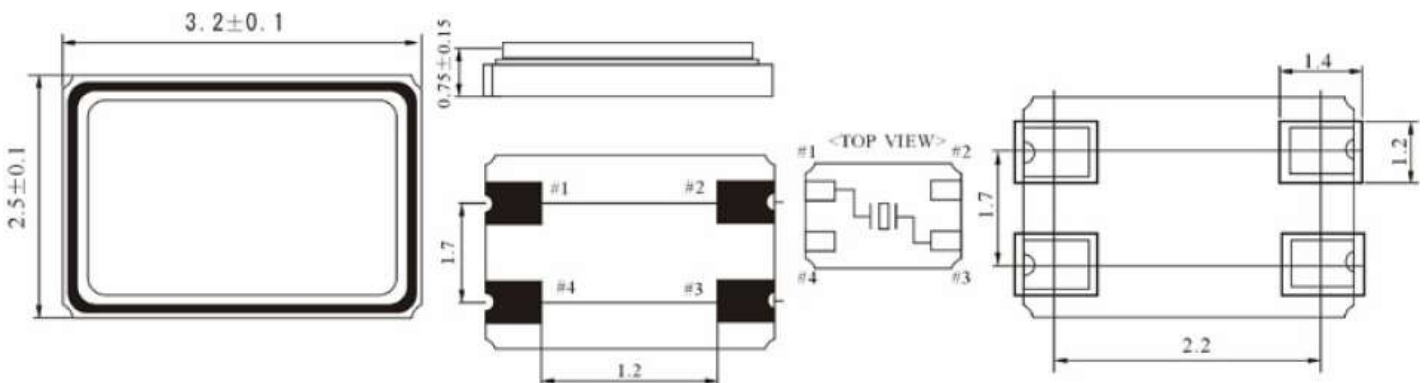
◆Electrical Specifications

Parameter	Specification
Frequency Range F_0	12.000~50.000MHz
Frequency Tolerance at 25°C F_L	$\pm 10\text{ppm}$ ($\pm 10\text{ppm} \sim \pm 50\text{ppm}$ available)
Frequency Stability over Operating Temp. Range T_L	$\pm 10\text{ppm}$ ($\pm 10\text{ppm} \sim \pm 50\text{ppm}$ available)
Operating Temperature T_0	-20~+70°C -10~+60°C -30~+85°C
Storage Temperature S_T	-40~+85°C
Load Capacitance C_L	Series 8pf, 10pf, 12pf,16pf,20pf
Shunt Capacitance C_0	5pF Max.
Equivalent Series Resistance R_S	See below Table
Insulation Resistance I_R	500(DC500 \pm 10V)min
Drive Lever D_L	10uW(100uW Max)
Aging@25°C	$\pm 5\text{ppm}$ Max.

◆ESR and Mode of Vibration

Frequency(MHz)	Mode	ESR(Ω)max
12.000	Fund	120
12.000~20000	Fund	80
20.000~28.000	Fund	60
28.000~50.000	3 rd Over	50

◆Mechanical Dimensions (mm)



◆Part Number Information

FLT-SX3G-	27.000	-	20	-	30	-	50	-	25	-	T1
Type	Frequency		Capacitance		Tolerance		Stability		ESR		Operating Temp
	27.000:27.000		in pF		at 25°C		Over Temp		25:25 Ω Max		blank=-20~+70°C
	MHz		20:20pF		30: $\pm 30\text{ppm}$		50: $\pm 50\text{ppm}$				T1=-10~+60°C
							over -20~+70°C				T2=-40~+85°C

Note: All specifications subject to change without notice.