



◆Features

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



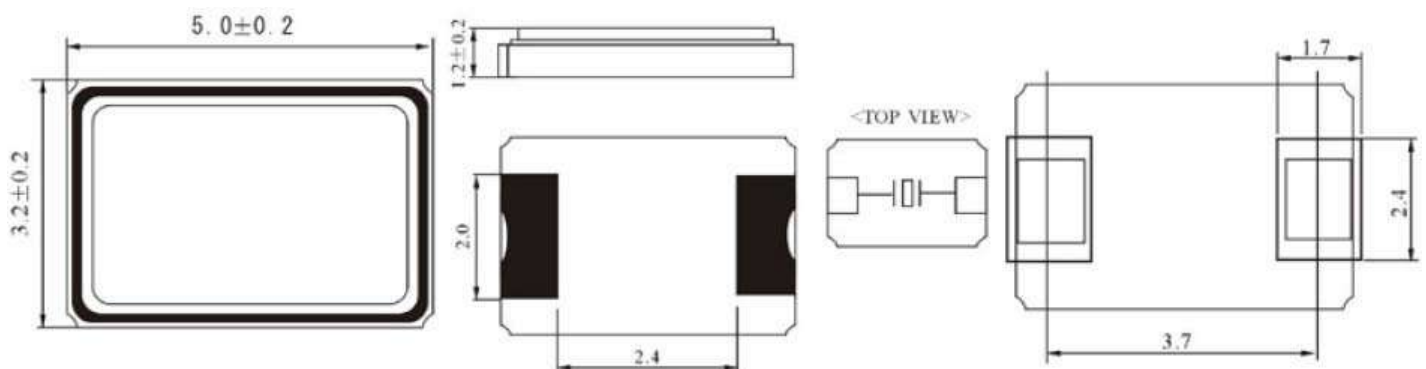
◆Electrical Specifications

Parameter	Specification
Frequency Range F_O	10.000~50.000MHz
Frequency Tolerance at 25°C F_L	$\pm 30\text{ppm}, \pm 50\text{ppm}, \pm 100\text{ppm}$
Frequency Stability over Operating Temp. Range T_L	$\pm 30\text{ppm} \quad \pm 50\text{ppm}$ ($\pm 30\text{ppm} \sim \pm 100\text{ppm}$ available)
Operating Temperature T_O	-10 ~+60°C -20~+70°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
10.000~20.000	Fund	100
20.000~27.000		80
27.000~50.000		50

◆Mechanical Dimensions (mm)



◆Part Number Information

FLT-SX5G	18.432	20	30	50	25	T1
Type	Frequency	Capacitance	Tolerance	Stability	ESR	Operating Temp
	18.432:18.432 MHz	in pF 20:20pF	at 25°C 30: $\pm 30\text{ppm}$	Over Temp 50: $\pm 50\text{ppm}$ over -20~+70°C	25:25 Ω Max	blank=-20~+70°C T1=-10~+60°C T2=-30~+85°C

Note: All specifications subject to change without notice.