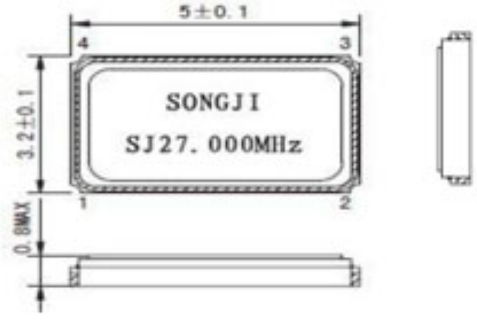
Specifications (Features)

Item	Symbol	Specification Description		Conditions
		Applied to reference (RF)	Applied to clock, standard, usable	
Rated equency, Range	f_nom	8.000 MHz ～ 150.000 MHz		Please contact us for information about other usable frequency.
	T_stg	-40℃ to +125℃		Naked Storage
Storage Temperature	T_use	-20℃ to +70℃		
Static Capacitance	DL	10μW Typical		Recommend: 1 μW ～ 100 μW
Working Temperature	f_tol	±10 × 10^-6	±50 × 10-6 (Standard),(±15 × 10-6 ～ ±50 × 10-6 usable)	+25 °C Please contact us for specification description beyond standard specifications.*1
Frequency Temperature Features(Standard)	f_tem	±10 × 10^-6/-20 °C～+75 °C	±30 × 10^-6/-20 °C ～ +70 °C	Please contact us for specification description beyond standard specifications.*1
Load Capacitance	CL	7 pF ～ ∞,		Please contact us for specification description beyond standard specifications.*1
	R1	as shown in the following table:		-40℃ ～ +80℃, DL=100 μW
Frequency Ageing	f_age	±1 × 10^-6 / year Max. *2	±5 × 10-6 / year Max.	+25℃, The first year

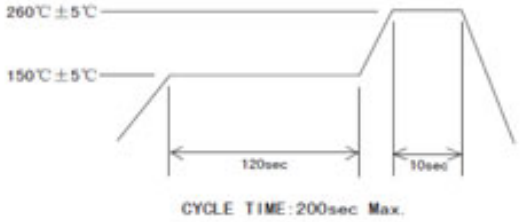
Series Resistance（ESR）

Frequency (MHz)	Series Resistance
8.0 MHz ≤ f_nom < 10.0 MHz	100 Ω Max.
10.0 MHz ≤ f_nom < 12.0 MHz	80 Ω Max.
12.0 MHz ≤ f_nom < 16.0 MHz	60 Ω Max.
16.0 MHz ≤ f_nom < 20.0 MHz	50 Ω Max.
20.0 MHz ≤ f_nom < 24.0 MHz	40 Ω Max.
24.0 MHz ≤ f_nom < 50.0 MHz	30 Ω Max.
50.0 MHz ≤ f_nom < 150.0 MHz	80 Ω Max.

Dimensions (Unit:mm)



Recommended pad size （Unit：mm）



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