



- Ultra small SMD type crystal units.
- High precision characteristic covering up to wide frequency range.
- Higher frequency stability and reliability.
- Excellent for reducing EMI effect.
- The best choice of Bluetooth, wireless communication set,
- mobile phone, DSC, PDA, and USB interface card.



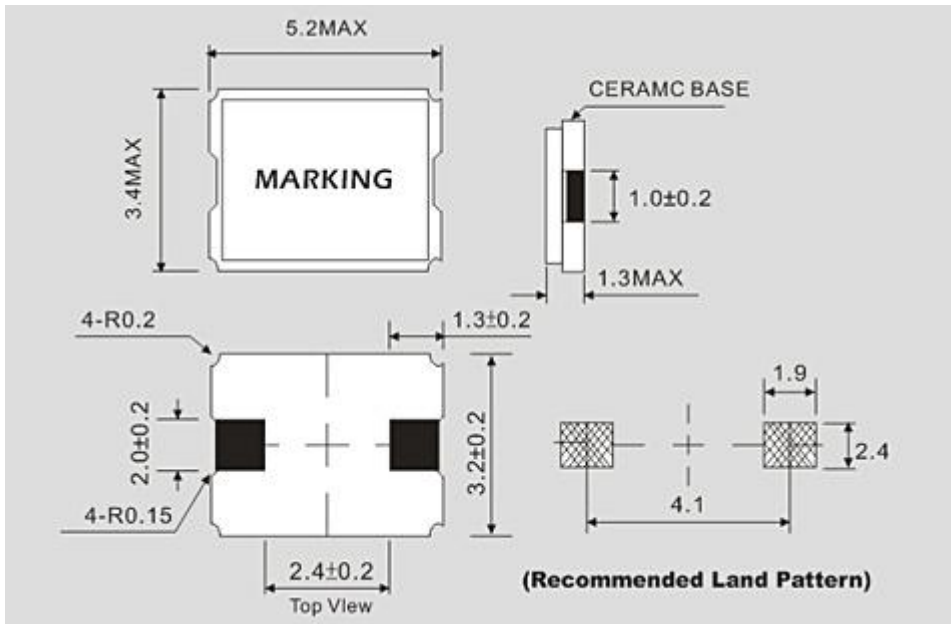
■ Electrical Specifications

Model	SX5311 2P
Frequency Range	12 ~ 100 MHz
Frequency Tolerance (at 25°C)	±10 ppm, ± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	±10 ppm, ± 30 ppm, or specify
Operating Temperature Range	-10 ~ +70 °C , -40 ~ +85 °C, or specify
Shunt Capacitance (C0)	5 pF Max. (2 pF typical)
Drive Level	1 ~ 200 uW (100 uW typical)
Load Capacitance	Series, 9 pF, 10 pF, 12 pF, 16 pF, 20 pF, or specify
Aging (at 25°C)	± 1 ppm / year Max.
Storage Temperature Range	-40 ~ +85 °C

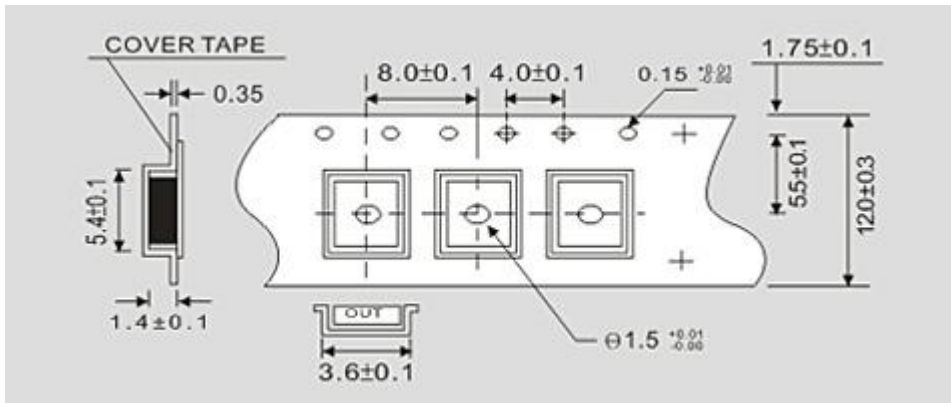
■ Equivalent Series Resistance (ESR)

Fundamental		3rd Overtone	
12~ 49.3811 Mhz	40 Ω Max.	49 ~60 MHz	100 Ω Max.
		60 ~ 100 Mhz	80 Ω Max.

■ Dimensions



■ Tape



■ Reel

