



### Features

- Ultra miniature SMD type crystal device;
- High precision and reliability with excellent heat resistance;
- Optimal solution for smartphone applications with limited design space, miniaturized wireless module devices, RFID application, and other consumer based products.
- RoHS Compliant / Pb Free

### Crystals specifications

ITEMS (项目)	PARAMETER (规格说明)			
Frequency Range	16~19.2MHz	19.2~30MHz	30~54MHz	54~96MHz
Equivalent Series Resistance	200ΩMax.	100ΩMax.	80ΩMax.	80ΩMax.
Drive Level	10μW(100μW Max.)			10μW(200μW Max.)
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, or specify			
Frequency Stability Over Operating Temperature Range	± 10 ppm, ± 20 ppm, or specify			
Operating Temperature Range	-10 ~ +70 °C, or specify			
Shunt Capacitance (C0)	3 pF Max.			
Load Capacitance	8 pF, 10 pF, 12 pF, or specify			
Aging (at 25 °C)	± 3 ppm / year Max.			
Storage Temperature Range	- 40 ~ + 85 °C			
Packing Unit(包装单位)	3,000pcs/Reel			

### Dimensions

