



Features

- External dimensions: 7.0 x 4.1 x 2.0mm;
- Surface mount type crystal units;
- High frequency pullability and low equivalent series resistance;
- Highly mass production capability;
- Application: bluetooth audio
- RoHS Compliant / Pb Free

Crystals specifications

ITEMS (项目)	PARAMETER (规格说明) MS7		
Mode of Oscillation	Fundamental		
Frequency Range	9~10MHz	10~20MHz	20~40MHz
Equivalent Series Resistance	60ΩMax.	40ΩMax.	30ΩMax.
Drive Level	10 μW (200 μW Max.)		
Frequency Tolerance (at 25 °C)	± 10 ppm, or specify		
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify		
Operating Temperature Range	-40 ~ +85°C, or specify		
Shunt Capacitance (C0)	5 pF Max.		
Load Capacitance	9 pF, 12 pF, 20 pF, or specify		
Aging (at 25 °C)	± 3 ppm / year Max.		
Storage Temperature Range	- 40 ~ + 90 °C		
Insulation Resistance	500MΩ min./DC100V		
Packing Unit(包装单位)	3,000pcs/Reel		

Dimensions

