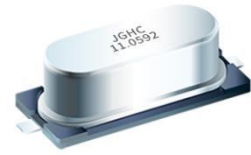


Metal Can Type SMD Crystals HC-49S SMD MS7 Series



Features

- External dimensions: 7.0x4.1x2.0mm.
- Surface mount type crystal units.
- Highly mass production capability.
- Application: bluetooth audio.
- ROHS Compliant / Pb Free.



Crystals specifications

ITEMS/TYPE	MS7
Frequency Range	8~64 MHz
Load Capacitance	20pF, or specify
Frequency Tolerance (at 25 °C)	± 10 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 10 ppm, or specify
Operating Temperature Range	-40 ~ +85°C, or specify
Shunt Capacitance (C0)	5 pF Max.
Drive Level	10μW (200μW Max.)
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40~+85°C
Insulation Resistance	500MΩ min./DC100V
Packing Unit	3,000pcs/Reel

Equivalent Series Resistance(ESR)

Fundamental	
8~10MHz	80 Ω Max.
10~20MHz	60 Ω Max.
20~64MHz	40 Ω Max.

Dimensions and patterns(unit:mm)

