

Metal Can Type Crystal HC-49S SMD 9BT Series



Features

- External dimensions: 11.4x4.8x3.0mm.
- Frequency range: 4MHz ~ 64MHz.
- Surface mount type crystal units.
- A great number of standard frequencies.
- High frequency pullability and low equivalent series resistance.
- Highly mass production capability.
- Applications: PC, STB, LCDM and Cable Modem.



Crystals specifications

ITEMS/TYPE	9BT
Frequency Range	4~64 MHz
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	-40~+85°C, or specify
Shunt Capacitance (C0)	7pF Max
Drive Level	1~ 500µW (50µW typical)
Load Capacitance	12pF, 20pF, or specify
Aging (at 25°C)	± 3 ppm / year Max.
Storage Temperature Range	-40~+ 125°C

Equivalent Series Resistance(ESR)

Frequency Range	Mode	ESR.	Frequency Range	Mode	ESR.
4.000~4.999MHz	uAT,Fundl	100 ΩMax.	20.000~29.999MHz	AT,Fundl	30 ΩMax
5.000~8.000MHz	AT,Fundl	80 ΩMax	30.000~48.000MHz	AT,Fundl	20 ΩMax
8.001~16.000MHz	AT,Fundl	60 ΩMax	30.000~48.000MHz	AT, 3RDI	80 ΩMax
16.001~19.999MHz	AT,Fundl	40 ΩMax	48.000~64000MHz	AT, 3RDI	70 ΩMax

Dimensions and patterns(unit:mm)

