

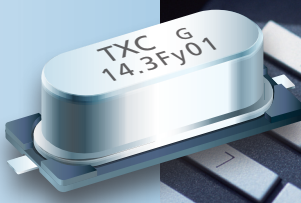
Metal Can Type Crystals

HC-49S SMD 9C Series

Quartz Crystals
Series

Features

- Surface mount type crystal units.
- A great number of standard frequencies.
- High frequency pullability and low equivalent series resistance.
- Highly mass production capability.
- The best choice of PC, STB, LCDM, and Cable Modem.
- RoHS Compliant / Pb Free.



Electrical Specifications	
Item / Type	9C
Frequency Range	3.2 ~ 90 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify
Operating Temperature Range	- 20 ~ + 70 °C, or specify
Shunt Capacitance (C0)	7 pF Max.
Drive Level	1 ~ 500 μW (100 μW typical)
Load Capacitance	Series, 16 pF, 20 pF, 30 pF, 32 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

Equivalent Series Resistance(ESR)	
Fundamental	3rd Overtone
3.2 ~ 3.686 MHz	200 Ω Max.
3.686 ~ 5 MHz	150 Ω Max.
5 ~ 10 MHz	80 Ω Max.
10 ~ 14 MHz	40 Ω Max.
14 ~ 30 MHz	30 Ω Max.

Dimensions

TYPE	H (SMD HIGH)	h (BODY HIGH)
S3	3.8 ± 0.3	3.3 ± 0.3
S2	3.0 ± 0.3	2.3 ± 0.3

Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>