

Metal Can Type Crystals

HC-49S SMD AT Series

Features

- Surface-mount type crystal units.
- Wide operating temperature range.
- Superior and reliable performance in harsh environment.
- RoHS Compliant / Pb Free.



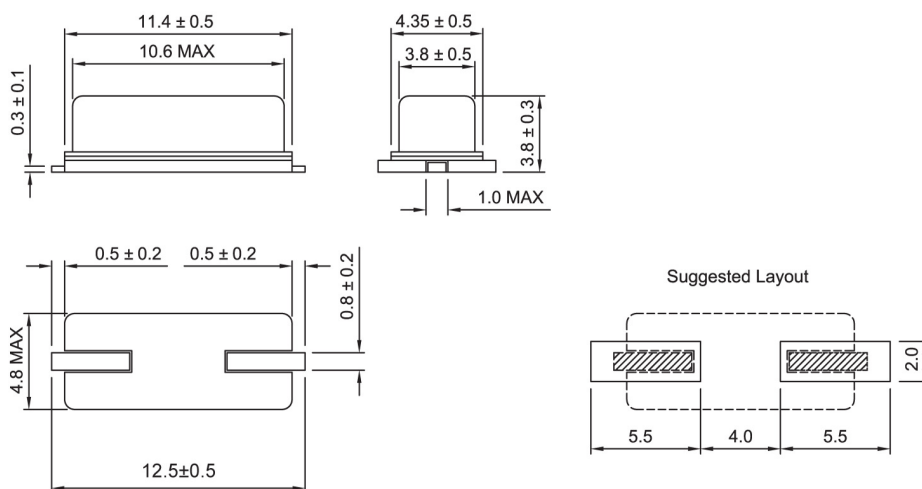
Electrical Specifications

Item / Type	AT
Frequency Range	4 ~ 25 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 °C)	± 30 ppm
Frequency Stability Over Operating Temperature Range	± 30 ppm Max.
Operating Temperature Range	- 40 ~ +85 °C
Drive Level	10 μW (typical) ; 300 μW (Max.)
Load Capacitance	12 pF, or specify
Storage Temperature Range	- 40 ~ +85 °C
Reliability Standard	AEC-Q200 VER.C

Equivalent Series Resistance(ESR)

Fundamental	
4 ~ 6 MHz	150 Ω Max.
6 ~ 8 MHz	120 Ω Max.
8 ~ 10 MHz	80 Ω Max.
10 ~ 12 MHz	70 Ω Max.
12 ~ 16 MHz	60 Ω Max.
16 ~ 25 MHz	50 Ω Max.

Dimensions



Units: mm

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TXC Corporation:

[AT-10.000MAGI-T](#) [AT-11.0592MAGK-T](#) [AT-11.2896MAGK-T](#) [AT-12.000MAGK-T](#) [AT-12.288MAGE-T](#) [AT-13.225625MAGE-T](#) [AT-13.560MAGE-T](#) [AT-14.31818MAGE-T](#) [AT-16.000MAGE-T](#) [AT-16.9344MAGE-T](#) [AT-18.432MAGQ-T](#) [AT-20.000MAGE-T](#) [AT-20.500MAGQ-T](#) [AT-24.000MAGE-T](#) [AT-24.576MAGK-T](#) [AT-27.000MAGK-T](#) [AT-28.63636MAGE-T](#) [AT-3.6864MAGE-T](#) [AT-33.8688MAGQ-T](#) [AT-37.050MAGV-T](#) [AT-4.000MAGE-T](#) [AT-5.000MAGE-T](#) [AT-6.000MAGB-T](#) [AT-8.000MAGK-T](#) [717-AT-41.600MAHE-T](#)