

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

Remark : Specification subject to change without prior notice. Please confirm with our sales.