

Metal Can 49S SMD Crystal

HC-49S-3S



AURUM INTERNATIONAL LTD.



Electrical Specification

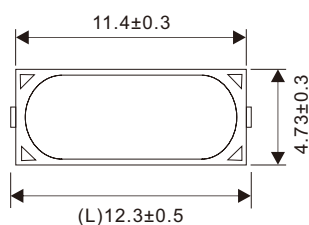
| Item | Unit | Specification | |
|-------------------------------------|------|-------------------------|---------------|
| Dimensions (L x W x H) | mm | 11.4 x 4.8 x 4.2 | |
| Nominal Frequency | MHz | Fundamental | 3.58 ~ 40.00 |
| | | 3'rd Overtone | 40.00 ~ 90.00 |
| Frequency Tolerance at 25 deg.C | ppm | ±10,±20 max. or Specify | |
| Frequency Stability Vs. Temperature | ppm | ±10,±20 max. or Specify | |
| Load Capacitance | pF | 8,10,16, or Specify | |
| Operating Temperature Range | °C | -20~70,-40 ~ 85 | |
| Drive Level | uW | 100 typ.(500 max) | |
| Shunt Capacitance | pF | 7.0 max. | |
| Aging (First year) | ppm | ±3.0 max. | |

Equivalent Series Resistance(ESR)

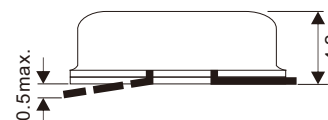
| Fundamental | | 3'rd overtone | |
|-----------------|----------|-----------------|-------------|
| 3.50~4.99 MHz | 120Ω Max | 40.00~49.99 MHz | 60Ω Max |
| 5.00~9.99 MHz | 60Ω Max | 50.00~ | MHz 80Ω Max |
| 10.00~19.99 MHz | 30Ω Max | | |
| 20.00~40.00 MHz | 25Ω Max | | |

Mechanical

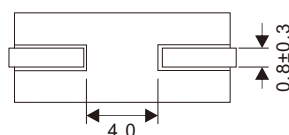
Front View



Side View



Bottom View



Pad Pattern

