

HC-49US Crystal

9S, 9S with Gull Wing(9S-GW)



9S	9S-GW	Features: <ul style="list-style-type: none"> Reliable performance including startup characteristics, heat resistance, vibration resistance, and impact resistance under harsh environment conditions TPMS specification available, please contact us for more details Lead-free products are available. They can meet the requirements of reflow profile using lead-free solder Compatible with RoHS Directive

Specification \ Package	9S / 9S-GW
Frequency Range	3.01 ~ 50MHz
Oscillation Mode	Fundamental
Frequency Tolerance at 25°C	±50ppm
Frequency Stability Over Operating Temperature Range (refer to 25°C)	±100ppm over -40 ~ +85 °C ±150ppm over -40 ~ +125 °C
Operating Temperature Range	-40 ~ +125°C
Equivalent Series Resistance ESR/Rs (Measured at Series Resonance)	Refers to ESR table
Drive Level	10µW (1000µW max)
Load Capacitance	8pF ~ ∞pF (∞pF means series resonance). To be specified by customer.
Operable Temperature	-45 ~ +130 °C
Aging	±5ppm / Year

ESR Table

Overtone	Frequency Range (MHz)	Max. ESR (Ω)
Fundamental	3.01 ~ 4.00	300 ~ 150
	4.01 ~ 6.00	130 ~ 80
	6.01 ~ 10.00	60 ~ 50
	10.01 ~ 50.00	40 ~ 30

DIMENSIONS:

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