

# HC-49/U, HC-49/T Quartz Crystal Resonator

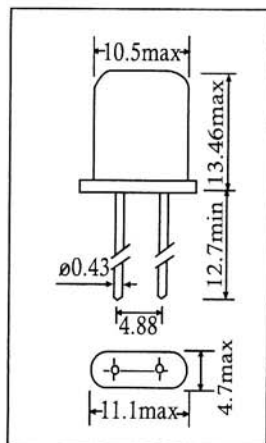
## Specifications

Frequency Range	3~150MHz	Holder Type	49/U 49/T
Adjustment Tolerance	$\pm 10\text{ppm}$ , $\pm 15\text{ppm}$ $\pm 20\text{ppm}$ , $\pm 30\text{ppm}$	Vibration Mode	Fund. 3rd 5rd
Load Capacitance	10pF~32pF	Static Capacitance	7pF max
Drive Level	0.02~0.05mW	Aging	$\pm 2\text{ppm}(\text{year})$ $\pm 5\text{ppm}(\text{year})$

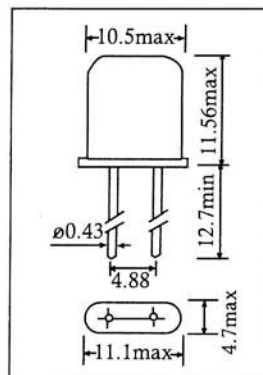
## Resonance Resistance

Type	Freq. Range	Mode	Rr
49U 49T	3~5MHz	1	70
49U 49T	6~9MHz	1	40
49U 49T	10~31MHz	1	20
49U 49T	24~90MHz	3	35
49U 49T	75~150MHz	5	70

HC-49/U



HC-49/T



## Tolerance over Temperature Range

Temperature Range	$\pm 5\text{ppm}$	$\pm 10\text{ppm}$	$\pm 15\text{ppm}$	$\pm 20\text{ppm}$	$\pm 30\text{ppm}$	$\pm 40\text{ppm}$
0°C ~ +50°C	△	△	△	△	△	△
-10°C ~ +60°C	△	△	△	△	△	△
-20°C ~ +70°C	△	△	△	△	△	△
-40°C ~ +85°C			△	△	△	△