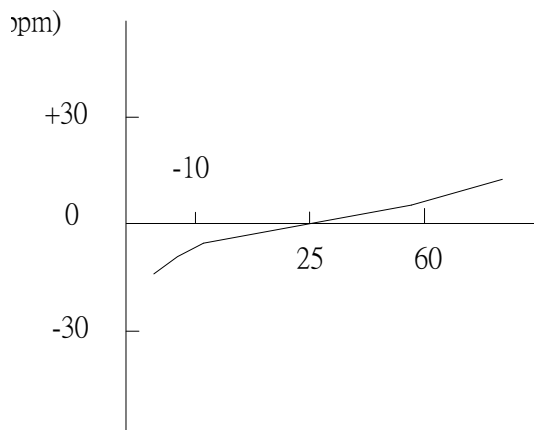


Standard Specifications

Item	Model Type	HC-49U
Frequency		1.00~70.000MHZ
Frequency Tolerance		±10ppm~±50ppm
Frequency Characteristics		±10ppm~±50ppm
Operating Temperature Range		-10°C~+60°C Standard, -40°C~+85°C Extended
Storage Temperature Range		-40°C~+85°C
Equivalent Series Resistance(ESR)		See Table
Load Capacitance		20pf or Specify
Shunt Capacitance		7.0pf Max
Drive Level		100μW
Aging (First year)		±5ppm/Year

*Detail specifications refer to the individual specifications

Frequency vs Temperature Curve Resistance(ESR)



Frequencies vs Equivalent Series

Frequency (MHZ)	Mode	ESR (MaxΩ)
$1 \leq f < 3.5$	Fundamental	500
$3.5 \leq f < 6$	Fundamental	150
$6 \leq f < 10$	Fundamental	80
$10 \leq f < 30$	Fundamental	50
$30 \leq f < 35$	3rd overtone	40
$35 \leq f < 70$	3rd overtone	50

Dimensions(unit:mm)

