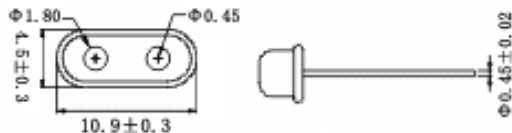
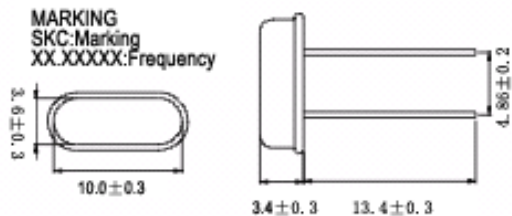


SPECIFICATION

FREQUENCY RANGE	3.5-66.0 MHz
OSCILLATION MODE	AT CUT Fundamental, 3rd, 5th
FREQUENCY TOLERANCE	± 20 , ± 30 , ± 50 ppm at 25
OPERATING TEMPERATURE CHARACTERISTICS	See table 1
LOAD CAPACITANCE	Series, 16, 20, 30, 32pF or special
DRIVE LEVEL	From 100 μ W to 500 μ W
Parallel capacitance	7.0pF max or special
SERIES RESISTANCE	See table 2
INSULATION RESISTANCE	More than 500M Ω at DC 100V
AGING	± 5 ppm/year
MEASURE INSTRUMENT	Saunders 250B

DIMENSIONS

HC-49/US



HC-49/USS

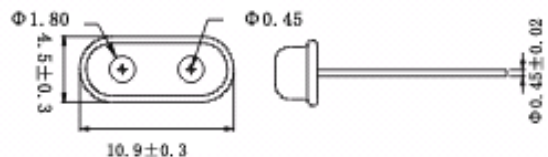
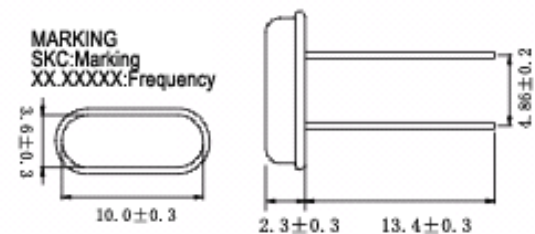


table 1

Frequency stability (ref.to 25 °C)

operating temp	± 20 ppm	± 30 ppm	± 50 ppm
0-50	0	0	0
-10 - 60	0	0	0
-20 - 70	0	0	0

table 2

Equivalent series resistance (ESR)

Frequency(MHz)	Mode	ESR(max Ω)
3.5-4.9	Fundamental	120-200
5.0-7.9	Fundamental	70-100
8.0-9.9	Fundamental	50-70
10-19.9	Fundamental	30-50
20-29.9	Fundamental	30
30-39.9	Fundamental	30
30-66	3rd overtone	80-120