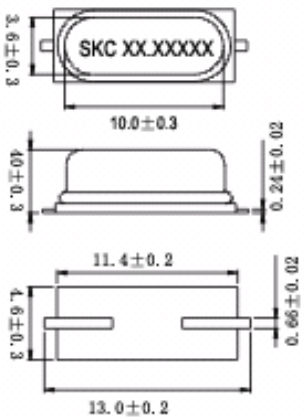
SPECIFICATION

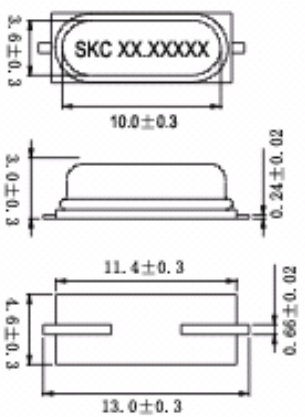
FEEQUENCY RANGE	3.5-66.0 MHz
OSCILLATION MODE	AT CUT Fundamental, 3rd, 5th
FREQUENCY TOLERANCE	±20, ±30, ±50ppm at 25℃•
OPERATING TEMPERATURE CHARATERISTICS	See table 1
LOAD CAPACITANCE	Serles, 16, 20, 30, 32pF or speclal
DRIVE LEVEL	From 100μW to 500μW
Parallel capacitance	7.0pF max or speclal
SERIES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

DIMNENSIONS

HC-49/US-SMD



HC-49/USS-SMD



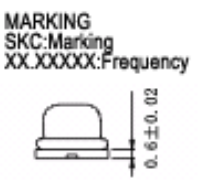


table 1

Frequency stability (ref.to 25℃)

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

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