

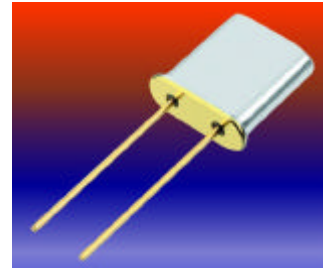
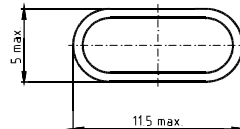
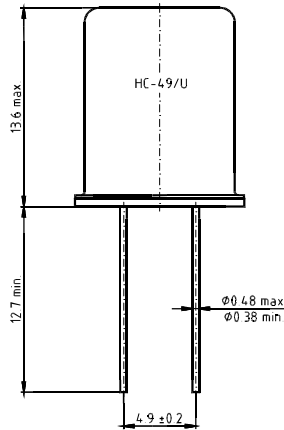
Typical Applications

Telecommunications,
industrial

Features

HC-49/U standard package,
resistance welded

Enclosure



all units in mm

Frequency range

1.84320 MHz to 75.000 MHz

Standard frequencies

In MHz			
1.843200	4.194304	12.000000	20.000000
2.457600	7.372800	14.318180	24.000000
3.579545	8.000000	15.360000	36.000000
3.686400	10.000000	16.000000	60.000000
4.000000	11.059200	18.432000	

Adjustment tolerance

± 30 ppm @ 25 °C

Load Capacitance

C_L 30 pF or series (S)

Temperature stability

± 50 ppm from -20 ... + 70 °C

Resonance resistance

R_r max.

Resonance resistance & overtone		
Frequency range	R_r max.	Overtone
1.8432...1.999 MHz	800	1. (fundamental)
2.000...2.999 MHz	600	1. (fundamental)
3.000...3.499 MHz	250	1. (fundamental)
3.500...4.999 MHz	150	1. (fundamental)
5.000...6.999 MHz	80	1. (fundamental)
7.000...9.999 MHz	50	1. (fundamental)
10.000...23.999 MHz	35	1. (fundamental)
24.000...75.000 MHz	60	3.

Shunt capacitance

C_0 < 7 pF

Ageing

< ± 5 ppm / year @ 25 °C

Drive Level

P_d 0.1 mW

Packing

See handling & processing note.

Ordering Code

EA1.	30		18432.0 kHz
⏟	⏟	⏟	⏟
type + overtone	load capacitance	blank	frequency

- Note: 1 Additional parameters : see frame specification TQE 9000
 2 Subject to technical modification
 3 Not all options are available at all frequencies. Consult us for details.