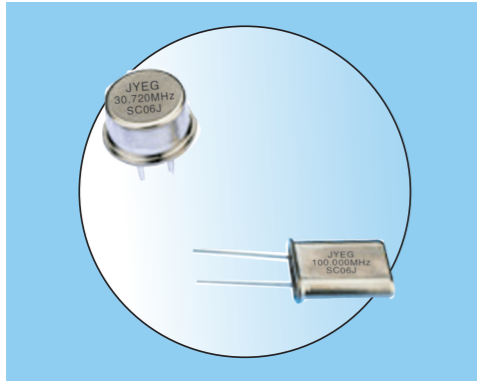


Quartz Crystals

SC CUT Crystal Unit / HC-37U HC-43U

CRYSTAL



Features

- JYEG Part number: HC-37U(JYC8) , HC-43U(JYCU)
- Low aging
- Wide frequency range

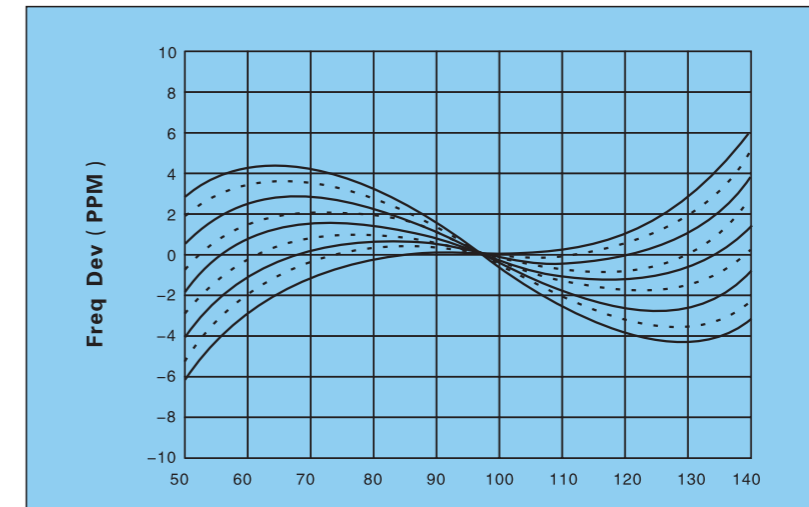
TYPICAL SPECIFICATIONS

	Frequency (MHz)	Cal.Tol (ppm)at Turn Over temperature	Turn Over Temperature(°C)	Cut,Modle of vibration	Holder	Motional Capacitance (fF)	Resistance (Ohm) Max.	Aging after 1month/year
1	10	+-1.5	80-90	SC,3rd	HC/43U	0.17 ± 15%	110	5 × 10 ⁻⁸
2	13	+-1.5	80-90	SC,3rd	HC/43U	0.15 ± 15%	100	5 × 10 ⁻⁸
3	16.384	+-1.5	80-90	SC,3rd	HC/43U	0.40 ± 15%	60	5 × 10 ⁻⁸
4	20	+-3	80-90	SC,3rd	HC/43U	0.42 ± 15%	60	5 × 10 ⁻⁸
5	26	+-3	80-90	SC,3rd	HC/43U	0.36 ± 15%	60	7 × 10 ⁻⁸
6	30.72	+-3	80-90	SC,3rd	HC/43U	0.40 ± 10%	60	7 × 10 ⁻⁸
7	40	+-3	80-90	SC,3rd	HC/43U	0.27 ± 15%	70	7 × 10 ⁻⁸
8	76.8	+-3	80-90	SC,3rd	HC/43U	0.44 ± 15%	50	7 × 10 ⁻⁸
9	10	+-1.5	80-90	SC,3rd	HC/37U	0.20 ± 15%	75	5 × 10 ⁻⁸
10	10.922666	+-1.5	80-90	SC,3rd	HC/37U	0.22 ± 15%	75	5 × 10 ⁻⁸
11	12	+-1.5	85-95	SC,3rd	HC/37U	0.22 ± 15%	75	5 × 10 ⁻⁸
12	12.8	+-1.5	80-90	SC,3rd	HC/37U	0.22 ± 15%	75	5 × 10 ⁻⁸
13	13	+-1.5	80-90	SC,3rd	HC/37U	0.22 ± 15%	75	5 × 10 ⁻⁸
14	15.84	+-1.5	80-90	SC,3rd	HC/37U	0.17 ± 15%	80	5 × 10 ⁻⁸
15	16.384	+-1.5	80-90	SC,3rd	HC/37U	0.40 ± 15%	60	5 × 10 ⁻⁸
16	19.44	+-1.5	80-90	SC,3rd	HC/37U	0.25 ± 10%	60	5 × 10 ⁻⁸
17	30.72	+-3	80-90	SC,3rd	HC/37U	0.40 ± 10%	50	7 × 10 ⁻⁸
18	32.768	+-3	80-9	SC,3rd	HC/37U	0.50 ± 10%	50	7 × 10 ⁻⁸
19	38.4	+-3	80-90	SC,3rd	HC/37U	0.50 ± 10%	50	7 × 10 ⁻⁸
20	100	+-3	80-90	SC,3rd	HC/37U	0.16 ± 15%	100	1 × 10 ⁻⁷

Quartz Crystals

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SC Cut Frequency Variation with Temperature



HC37/U

HC-43/U

