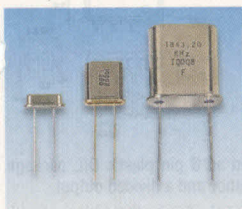
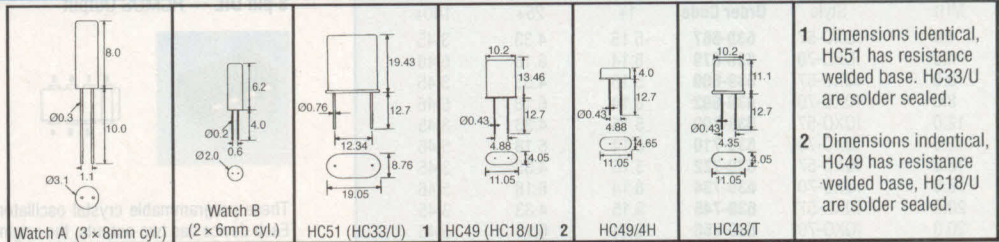


Quartz Crystals — continued

For use with ICs and
MicroprocessorsManufacturer Prefix:
'A' or 'L' = IQD, MC = MultiComp

- 1 Dimensions identical, HC51 has resistance welded base. HC33/U are solder sealed.
- 2 Dimensions identical, HC49 has resistance welded base. HC18/U are solder sealed.

A range of wire extended crystals of popular frequencies in standard can styles for use in general industrial and microprocessor applications. All types are parallel resonant unless otherwise stated under 'Load Cap' column.

Frequency MHz	Can Style	Accuracy ± ppm @ 25°C	Temp. Stability ± ppm	Temperature Range °C	Load Cap	Mfrs. List No.	Price Each	1+	10+	25+	100+	500+
1.843200	HC49	±20	±50	-10 to +60	30pF	A113B	170-226	1.64	1.45	1.23	0.99	0.90
2.000000	HC49	±50	±100	0 to +50	20pF	A114E	170-227	1.40	1.25	1.06	0.85	0.75
2.457600	HC33/U	±20	±50	-10 to +60	30pF	A116A	103-875	3.48	3.02	2.57	2.13	1.80
2.457600	HC49	±20	±50	-10 to +60	30pF	A116C	170-228	1.40	1.25	1.06	0.85	0.75
3.276800	HC49	±20	±30	-10 to +60	12pF	A118B	103-876	1.28	1.07	0.86	0.72	0.39
3.579545	HC49/4H	±30	±50	-20 to +70	20pF	A119K	221-545	1.25	1.05	0.94	0.75	0.65
3.579545	HC49	±20	±50	-10 to +60	20pF	A119C	170-229	0.64	0.55	0.49	0.39	0.32
3.579545	HC49	±30	±50	-10 to +60	20pF	A119M	492-966	0.91	0.74	0.51	0.50	0.48
3.686400	HC49/4H	±30	±50	-20 to +70	30pF	A169K	221-557	1.00	0.85	0.75	0.60	0.55
3.686400	HC49	±20	±50	-10 to +60	30pF	A169A	103-912	1.35	1.10	0.84	0.64	0.55
3.686400	HC49	±30	±50	-10 to +60	30pF	A169M	492-905	0.60	0.50	0.40	0.35	0.32
4.000000	HC49/4H	±20	±50	-10 to +60	30pF	A120K	221-569	1.17	0.98	0.88	0.70	0.60
4.000000	HC49	±20	±10	-20 to +70	30pF	A120A	103-878	2.59	2.16	1.91	1.60	1.45
4.000000	HC49	±20	±50	-10 to +60	30pF	A120B	170-230	1.11	0.85	0.65	0.47	0.40
4.000000	HC49	±30	±50	-10 to +60	30pF	A120N	492-917	0.57	0.49	0.43	0.34	0.31
4.096000	HC49	±20	±10	-20 to +70	30pF	A122A	170-691	2.50	2.32	1.85	1.75	1.60
4.194304	3 x 8mm cyl.	±30	±30	-10 to +60	20pF	XTAL014398	283-540	1.50	1.26	1.11	1.00	0.90
4.194304	HC49	±20	±30	-10 to +60	12pF	A123A	103-879	0.69	0.55	0.48	0.42	0.39
4.433619	HC49	±20	±30	-10 to +60	20pF	A124D	170-231	0.69	0.55	0.48	0.42	0.39
4.608000	HC49	±20	±10	-20 to +70	30pF	A125A	528-031†	2.16	1.62	1.32	1.13	1.08
4.608000	HC49	±20	±50	-10 to +60	30pF	A125C	177-399	1.08	0.90	0.81	0.65	0.60
4.915200	HC49/4H	±30	±50	-20 to +70	30pF	A127K	221-570	0.67	0.56	0.51	0.41	0.38
4.915200	HC49	±20	±50	-10 to +60	30pF	A127A	103-882	0.64	0.55	0.48	0.42	0.39
4.915200	HC49	±30	±50	-10 to +60	30pF	A127B	492-954	0.79	0.66	0.56	0.51	0.49
5.000000	HC49	±20	±50	-10 to +60	30pF	A128B	103-913	0.60	0.50	0.45	0.40	0.36
5.068800	HC49	±20	±50	-10 to +60	Series	A129A	103-883	0.67	0.56	0.51	0.46	0.41
5.242880	HC49	±20	±30	-10 to +60	12pF	A186A	103-919	1.47	1.26	1.02	0.78	0.68
6.000000	HC49/4H	±30	±50	-10 to +60	30pF	A132K	221-582	0.67	0.56	0.51	0.46	0.41
6.000000	HC49	±20	±50	-10 to +60	30pF	A132A	103-884	0.69	0.55	0.48	0.42	0.39
6.000000	HC49	±30	±50	-10 to +60	30pF	A132B	492-929	0.91	0.74	0.61	0.50	0.48
6.144000	HC49	±20	±50	-10 to +60	30pF	A133A	103-885	0.67	0.56	0.51	0.46	0.41
6.400000	HC49	±20	±30	-10 to +60	30pF	A134B	175-615	1.00	0.90	0.75	0.60	0.55
6.553600	HC49	±20	±30	-10 to +60	12pF	A135A	103-886	1.00	0.90	0.75	0.60	0.55
7.372800	HC49	±20	±50	-10 to +60	30pF	A194A	176-104	0.60	0.50	0.46	0.40	0.37
7.372800	HC49/4H	±15	±30	-10 to +60	18pF	A194L	485-111	0.77	0.65	0.58	0.55	0.47
7.864320	HC49/4H	±50	±100	-10 to +60	30pF	A139A	177-400†	2.89	2.57	2.04	1.60	1.50
8.000000	HC49	±20	±50	-10 to +60	30pF	A140A	103-914	1.18	0.95	0.71	0.60	0.55
8.000000	HC49	±30	±50	-10 to +60	30pF	A140B	492-930	0.60	0.55	0.49	0.42	0.39
8.000000	HC49/4H	±30	±50	-20 to +70	30pF	A140K	177-401	0.70	0.58	0.53	0.48	0.42
9.830400	HC49	±20	±50	-10 to +60	30pF	A173A	175-616	0.69	0.60	0.45	0.40	0.36
10.000000	HC49	±20	±10	-20 to +70	30pF	A143A	103-887	3.95	3.45	2.85	2.35	1.95
10.000000	HC49	±20	±50	-10 to +60	30pF	A143E	170-232	1.18	0.95	0.71	0.58	0.55
10.000000	HC49/4H	±30	±50	-20 to +70	30pF	A143K	485-081	0.64	0.56	0.48	0.43	0.39
11.000000	HC49	±20	±30	-10 to +60	30pF	A193A	103-925	0.69	0.60	0.48	0.43	0.39
11.059200	HC49	±20	±30	-10 to +60	20pF	L108A	263-631	1.18	0.95	0.76	0.60	0.55
11.059200	HC49/4H	±30	±50	-20 to +70	30pF	L108K	263-734	0.60	0.55	0.45	0.41	0.37
12.000000	HC49/4H	±30	±50	-20 to +70	30pF	A158K	221-594	0.70	0.60	0.53	0.49	0.43
12.000000	HC49	±20	±30	-10 to +60	30pF	A158A	170-501	0.64	0.56	0.48	0.44	0.35
12.000000	HC49	±30	±50	-10 to +60	30pF	A158B	492-942	0.89	0.79	0.64	0.50	0.42
14.31818	HC49	±20	±50	-10 to +60	Series	A153A	170-749	0.70	0.60	0.53	0.49	0.43
14.74560	HC49	±20	±50	-10 to +60	Series	A159B	170-748	0.67	0.57	0.51	0.47	0.41
14.74560	HC49	±20	±30	-10 to +60	30pF	A159A	177-406	0.93	0.88	0.70	0.56	0.50
16.000000	HC49	±20	±50	-10 to +60	Series	A161C	170-233	1.04	0.85	0.72	0.58	0.55
16.000000	HC49	±20	±30	-10 to +60	30pF	A161A	177-407	0.83	0.75	0.63	0.50	0.45
16.000000	HC49	±30	±50	-10 to +60	30pF	A161N	492-978	0.89	0.79	0.64	0.50	0.42
16.000000	HC49/4H	±30	±50	-20 to +70	30pF	A161K	485-093	0.64	0.55	0.49	0.43	0.39
17.73447	HC49	±20	±50	-10 to +60	30pF	A180A	485-100	0.92	0.88	0.69	0.55	0.50
18.43200	HC49	±20	±50	-10 to +60	Series	A146B	103-888	1.00	0.85	0.75	0.60	0.55
20.000000	HC49	±20	±30	-10 to +60	Series	A147C	170-234	0.64	0.56	0.48	0.43	0.39
20.000000	HC49/4H	±30	±50	-20 to +70	12pF	A147K	177-408	0.64	0.55	0.49	0.43	0.39
24.000000	HC49	±20	±50	-10 to +60	Series	A189A	175-617	0.87	0.75	0.66	0.60	0.53
32.000000	HC49	±20	±30	-10 to +60	Series	A166A	175-618*	1.61	1.31	0.99	0.80	0.75

† Available until stocks are exhausted

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*These are 3rd overtone devices