

Quartz Crystals - continued

Frequency MHz	Can Style	Frequency Accuracy ±ppm @ 25°C	Temp. Stability ± ppm	Temperature Range °C	Load Cap
24	HC49/4H	30	50ppm	-10 to +60	30pF
24	CM309S	50	100ppm	-10 to +70	30pF
30	HC49/U	20	50ppm	-10 to +60	Series
30	HC49/U	20	50ppm	-10 to +60	30pF
32	HC49/4H	30	50ppm	-10 to +60	30pF

Order Code	1+	10+	100+
950-9640	103.00	78.00	66.00
950-9658	188.00	152.00	120.00
177-409±*	217.00	152.00	127.00
950-9496	217.00	152.00	127.00
950-9666	238.00	173.00	140.00

*3rd overtone device ♦ The frequency accuracy is expressed as an overall tolerance including initial calibration over the operating temperature range.

Surface Mount Crystals



A range of quality surface mount crystals.

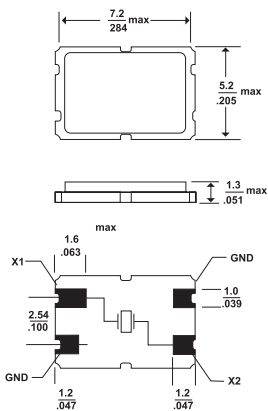


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Frequency MHz	Can Style	Frequency Accuracy ±ppm @ 25°C	Temp. Stability ± ppm	Temperature Range °C	Load Cap	Mfrs. List No.	Order Code	1+	10+	100+
0.032768	CFPX-56	±100	20ppm	-10 to +60	12.5pF	LF XTAL025159	110-0758	56.00	47.00	33.00
0.032768	CFPX-157	±5	10ppm	-40 to +85	12.5pF	LF XTAL009501	110-0759	126.00	101.00	84.00
0.032768	CX-1-SM	±30	30ppm	-40 to +85	9pF	LF XTAL003426	110-0760	251.00	226.00	188.00
3.579545	86SMX	±50	100ppm	-20 to +70	20pF	LF A119D	971-3123	50.00	43.00	37.00
3.579545	HC49/4HSMX	±30	50ppm	-10 to +60	16pF	LF A119E	971-3816	106.00	91.00	78.00
3.6864	86SMX	±50	100ppm	-20 to +70	16pF	LF A169B	971-3131	161.00	138.00	118.00
3.6864	HC49/4HSMX	±30	50ppm	-10 to +60	16pF	LF A169E	971-3824	57.00	49.00	42.00
4	86SMX	±50	100ppm	-20 to +70	30pF	LF A120C	971-3140	103.00	89.00	75.00
4	HC49/4HSMX	±30	50ppm	-10 to +60	16pF	LF A120E	971-3786	44.00	38.00	32.00
4.9152	86SMX	±50	100ppm	-20 to +70	16pF	LF A127C	971-3158	118.00	102.00	86.00
4.9152	HC49/4HSMX	±30	50ppm	-10 to +70	16pF	LF A127E	971-3301	40.00	34.00	29.00
6	HC49/4HSMX	±30	50ppm	-10 to +70	30pF	LF A132S	971-3310	44.00	38.00	32.00
8	86SMX	±50	100ppm	-20 to +70	16pF	LF A140C	971-3166	103.00	89.00	75.00
8	HC49/4HSMX	±30	50ppm	-10 to +60	16pF	LF A140E	971-3794	37.00	31.00	27.00
10	HC49/4HSMX	±30	50ppm	-10 to +70	16pF	LF A143G	971-3328	37.00	31.00	27.00
11.0592	HC49/4HSMX	±30	50ppm	-10 to +70	16pF	LF L108E	971-3336	37.00	31.00	27.00
12	86SMX	±50	100ppm	-20 to +70	16pF	LF A158D	971-3174	103.00	89.00	75.00
12	HC49/4HSMX	±30	50ppm	-10 to +70	16pF	LF A158E	971-3344	37.00	31.00	27.00
16	86SMX	±50	100ppm	-20 to +70	Series	LF A161E	971-3182	37.00	31.00	27.00
16	HC49/4HSMX	±30	50ppm	-10 to +60	16pF	LF A161G	971-3808	37.00	31.00	27.00
20	HC49/4HSMX	±30	50ppm	-10 to +70	16pF	LF A147E	971-3352	37.00	31.00	27.00

Surface Mount Crystals

NKS7 Series



A series of miniature crystals in a standard 5 x 7mm ceramic package.

Frequency Range: 8MHz to 30MHz (Fundamental)
 30MHz to 83MHz (3rd Overtone)
 Operating temperature: -20°C to +70°C
 Temperature Stability: ±50ppm
 Load Capacitance: 8 to 32pF, or Series Resonant
 Drive Level: 500µW max.
 Shunt Capacitance: 7pF max.

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Frequency	Mfrs. List No.	Order Code	1+	10+	100+	250+	+
8	NKS7-080-20	120-9998	325.00	248.00	204.00	158.00	--
8.192	NKS7-082-20	120-9999	325.00	248.00	204.00	158.00	--
9.8304	NKS7-098-20	121-0000	325.00	248.00	204.00	158.00	--
10	NKS7-100-20	121-0001	325.00	248.00	204.00	158.00	--
11.0592	NKS7-111-20-E	121-0003	325.00	248.00	204.00	158.00	--
12	NKS7-120-20-E	121-0004	325.00	248.00	204.00	158.00	--
14.31818	NKS7-143-20	121-9010	299.00	221.00	182.00	146.00	--
16.384	NKS7-163-20-E	121-0005	325.00	248.00	204.00	158.00	--
18.432	NKS7-184-20-E	121-0006	325.00	248.00	204.00	158.00	--
19.6608	NKS7-196-20-E	121-0007	325.00	248.00	204.00	158.00	--
24	NKS7-240-20-E	121-0008	325.00	248.00	204.00	158.00	--
27	NKS7-270-20-E	121-0009	325.00	248.00	204.00	158.00	--
32	NKS7-320-20-E	121-0010	325.00	248.00	204.00	158.00	--
40	NKS7-400-20-E	121-0011	325.00	248.00	204.00	158.00	--