

Timing Function IC

Crystals

Detailed product specifications are available on: us.100y.com.tw



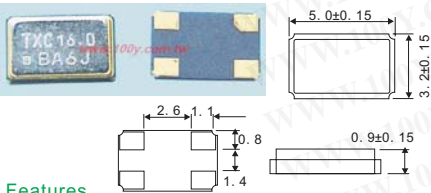
HC-49U/S

ITEM	Frequency range	Frequency tolerance (at 25 °C)	Tolerance Over	Operating temperature range	Shunt capacitance (Co)	Insulation resistance	Drive level	(CL)load capacitance	Aging(at 25°C)
SPECIFICATIONS	3.200MHZ to 70.000MHZ	±30ppm	±30ppm (standard)	-10°C to 60°C	7PF MAX	500MQ min at DC100V	1000uw Max	Customer assign	±5ppm/year Max

Part No.	Product No.	Manufacturer	Description	frequency (MHz)	Load capacitance (pF)	Can Style	±ppm
11750	XTAL-10.245M-U	TKD	Quartz Crystal Units	10.245	20pF	HC-49/U	30ppm
5730	XTAL-11.0592M-S	TKD	Quartz Crystal Units	11.0592	20pF	HC-49/S	30ppm
40445	XTAL-12.000M-S	QFT	Quartz Crystal Units	12.000	20pF	HC-49/S	30ppm
17123	XTAL-13.000M-S		Quartz Crystal Units	13.000	20pF	HC-49/S	30ppm
11112	XTAL-16.9344M-S	TKD	Quartz Crystal Units	16.9344MHz	20pF	HC-49/S	30ppm
13398	XTAL-18.432M-U	QFT	Quartz Crystal Units	18.432M	20PF	HC-49U	30ppm
11748	XTAL-19.6608M-U		Quartz Crystal Units	19.6608	20pF	HC-49/U	30ppm
11746	XTAL-2.4576M-U	QFT	Quartz Crystal Units	2.4576	20pF	HC-49/U	30ppm
13471	XTAL-24.000M-S	TKD	Quartz Crystal Units	24.000	20pF	HC-49/S	30ppm
3208	XTAL-24.576M-S	TKD	Quartz Crystal Units	24.576	20pF	HC-49/S	30ppm
6986	XTAL-26.670M-U	QFT	Quartz Crystal Units	26.670	20pF	HC-49/U	30ppm
23569	XTAL-26.670M-U	TKD	Quartz Crystal Units	26.670	20pF	HC-49/U	30ppm
29253	XTAL-27.000M-U	QFT	QUARTZ CRYSTAL UNIT	27.000MHz	20pF	HC-49/U	+/-30ppm
6993	XTAL-27.125M-U	QFT	Quartz Crystal Units	27.125	20pF	HC-49/U	30ppm
23570	XTAL-28.432M-U	TKD	Quartz Crystal Unit	28.4320	20pF	HC-49/U	30ppm
23030	XTAL-3.000M-S	QFT	Quartz Crystal Units	3.000	20pF	HC-49/S	+/-30ppm
10253	XTAL-3.000M-U	QFT	Quartz Crystal Units	3.000MHz	20pF	HC-49U	30ppm
10254	XTAL-3.2768M-U	QFT	Quartz Crystal Units	3.2768MHz	20pF	HC-49U	30ppm
5726	XTAL-3.2768M-U		Quartz Crystal Units	3.2768MHz	20pF	HC-49U	30ppm
3707	XTAL-3.57954M-S	TKD	Quartz Crystal Units	3.57954	20pF	HC-49/S	30ppm
10255	XTAL-30.000M-U	QFT	Quartz Crystal Units	30.000MHz	20pF	HC-49U	30ppm
6963	XTAL-32.000M-S	TKD	Quartz Crystal Units	32.000	20pF	HC-49/S	30ppm
13348	XTAL-35.710M-U	QFT	Quartz Crystal Units	35.710MHz	20pF	HC-49/U	30ppm
14111	XTAL-4.000M-S	TKD	Quartz Crystal Units	4.000	20pF	HC-49/S	30ppm
11775	XTAL-4.032M-U	QFT	Quartz Crystal Units	4.032	20pF	HC-49/U	30ppm
11770	XTAL-4.433618M-U	QFT	Quartz Crystal Units	4.433618	20pF	HC-49/U	30ppm
11752	XTAL-4.608M-U	QFT	Quartz Crystal Units	4.608	20pF	HC-49/U	30ppm
7856	XTAL-40.000M-U	QFT	Quartz Crystal Units	40.000	20pF	HC-49U	30ppm
11737	XTAL-42.000M-U		Quartz Crystal Units	42.000	20pF	HC-49/U	30ppm
22196	XTAL-45.000M/S		"KDS" Crystal	45MHz	20pF	HC-49U/S	30ppm
11738	XTAL-49.435M-U	QFT	Quartz Crystal Units	49.435	20pF	HC-49/U	30ppm
11768	XTAL-5.0688M-U	QFT	Quartz Crystal Units	5.0688	20pF	HC-49/U	30ppm
23063	XTAL-6.144M-S	QFT	Quartz Crystal Units	6.144	20pF	HC-49/S	+/-30ppm
9863	XTAL-6.144M-U		Quartz Crystal Units	6.144	20pF	HC-49U	30ppm
7855	XTAL-6.144M-U	QFT	Quartz Crystal Units	6.144	20pF	HC-49U	30ppm
11751	XTAL-7.200M-U	QFT	Quartz Crystal Units	7.200	20pF	HC-49/U	30ppm
6972	XTAL-7.200M-U		Quartz Crystal Units	7.200	20pF	HC-49/U	30ppm
11773	XTAL-7.3728M-U	QFT	Quartz Crystal Units	7.3728	20pF	HC-49/U	30ppm
11772	XTAL-9.429687M-U	QFT	Quartz Crystal Units	9.429687	20pF	HC-49/U	30ppm

SMD Crystals

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Features

- Seam sealed crystal units.
- Ultra small SMD type crystal units.
- High precision characteristic covering up to high frequency range.
- Higher frequency stability and reliability.
- Excellent for reducing EMI effective.
- The best choice for Bluetooth, Wireless communication set,DSC,PDA.
- Lead-free parts.

Item	Type	7B / 5032	7B / 5032T
Frequency Range		12 ~ 100MHz	12 ~ 100MHz
Frequency Tolerance (at 25 °C)		±30 ppm or specify	±10 ppm
Frequency Stability Over Operating Temperature Range		±30 ppm or specify	±10 ppm
Operating Temperature Range		-10 ~ +70°C or specify	-40 ~ +85°C or specify
Shunt Capacitance (C0)		5pF Max. (2.0pF Typical)	5pF Max. (2.0pF Typical)
Driver Level		1 ~ 200 uW (10 uW typical)	1 ~ 100 uW (10 uW typical)
Load Capacitance		10pF, 16pF, 20pF or specify	6pF, 9pF,10pF,12pF,16pF
Aging		±3ppm per year Max.	±1ppm per year Max.
Storage Temperature Range		-55 ~ +125°C	-55 ~ +125°C

Part No.	Product No.	Manufacturer	Description	Frequency(MHz)	Load capacitance(pF)	Can Style	±ppm
42761	7B12000091	TXC	TXC_SMD Quartz Crystal	12.000	12	5*3.2	20ppm
29129	7B16000140	TXC	TXC_SMD Quartz Crystal	16.000	12	5*3.2	20ppm
35597	7B16000195	TXC	TXC_SMD Quartz Crystal	16.000	20	5*3.2	30ppm



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