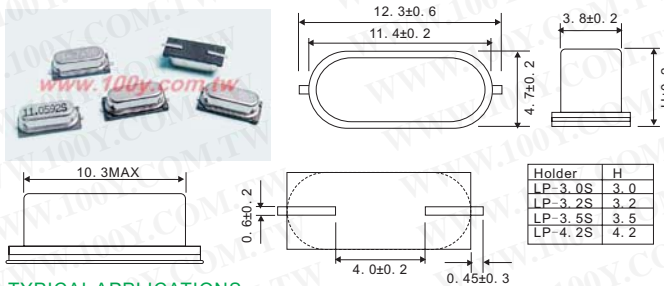


Timing Function IC

SIWARD Crystal LP-3.5 Series

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

Part No.	Product No.	Manufacturer	Description	Frequency (MHz)	±ppm	Load capacitance (pF)	Can Style
19775	LP-3.5.2S-40.000MHz-30PF	SIWARD	SIWARD_ Quartz Crystal Unit	40.000	±30ppm	30pF	Crystal DIP
39051	LP-3.5.2S-48.000MHz-20PF	SIWARD	SIWARD_ Quartz Crystal Unit	48.000	30ppm	20pF	HC-49/S
31676	LP-3.5.2S-49.152MHz-20PF	SIWARD	SIWARD_ Quartz Crystal Unit	49.152	30ppm	20pF	Crystal DIP
6976	LP-3.5.2S-5.000MHz-20PF	SIWARD	SIWARD_ Quartz Crystal Unit	5.0000	30ppm	20pF	HC-49/S
9862	LP-3.5.2S-6.000MHz-20PF	SIWARD	SIWARD_ Quartz Crystal Unit	6.0000	30ppm	20pF	HC-49/S
23065	LP-3.5.2S-7.200MHz-20PF	SIWARD	SIWARD_ Quartz Crystal Unit	7.200	30ppm	20pF	HC-49/S
11774	LP-3.5.2S-7.3728MHz-20PF	SIWARD	SIWARD_ Quartz Crystal Unit	7.3728	30ppm	20pF	HC-49/S
14113	LP-3.5.2S-8.000MHz-30PF	SIWARD	SIWARD_ Quartz Crystal Unit	8.0000	30ppm	30pF	HC-49/S
6962	LP-3.5.2S-9.8304MHz-20PF	SIWARD	SIWARD_ Quartz Crystal Unit	9.8304	30ppm	20pF	HC-49/S



Type	LP-3.5/LP-3.0/LP-2.5	
Nominal frequency range	3.5~50MHz	26~80MHz
Vibration Mode	Fundamental	3rd overtone
Frequency tolerance (@+25°C)	±50 ppm	
Freq. temperature characteristics	±50 ppm	
Operating temperature range	-10°C~+70°C (-40°C~+85°C)	
Load capacitance	Series, 10pF, 12pF, 16pF	
Shunt capacitance	5pF MAX.	
Level of drive	10µW (100µW MAX)	
Storage temperature range	-40°C~+90°C	

TYPICAL APPLICATIONS

Microprocessor Clock, Network Card, Cable Modems, ADSL, ISDN, Remote Control Device, Network Processor, A/V Card, Security System

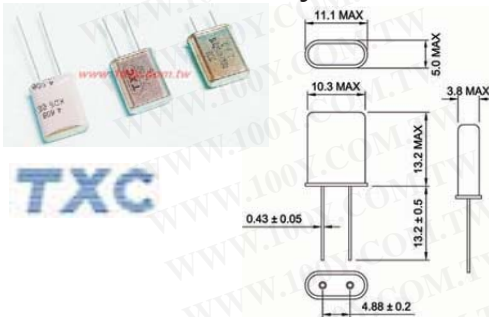
FEATURES

Metal Package, Resistance Sealed, SMD Lower Height Design, Lead-free, Tight Tolerance and Stability, RoHS Compliant Standard

Part No.	Product No.	Manufacturer	Description	Frequency (MHz)	±ppm	Load capacitance (pF)	Can Style
30484	LP-4.2S-11.0592MHz	SIWARD	SMD Quartz Crystal Units	11.0592MHz	±50ppm	5pF Max.	49/SMD

TXC Crystal TXC HC-49 Crystal

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

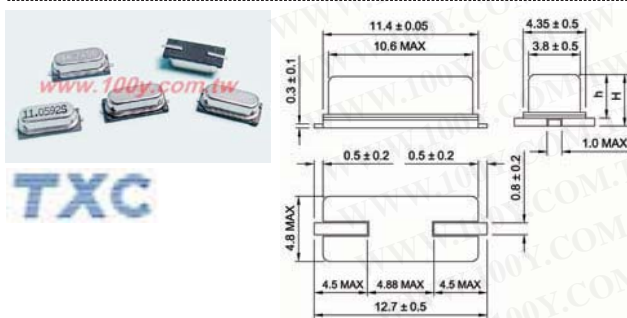


Item / Type	9A
Frequency Range	1.843 ~ 200 Mhz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify
Operating Temperature Range	-20 ~ +70 °C, or specify
Shunt Capacitance (C0)	7 pF Max.
Drive Level	1 ~ 1000 uW (100 uW typical)
Load Capacitance	Series, 16 pF, 20 pF, 30 pF, 32 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	-40 ~ +85 °C

Features

- Resistance welded type crystal units.
- High frequency stability and reliability.
- A great number of standard frequencies and wide frequency range.
- Higher frequency pullability and lower equivalent series resistance.
- Lower cost and highly mass production capacity.
- The best choice of TV, STB, LCDM, and Cable Modem..

Part No.	Product No.	Manufacturer	Description	Frequency (MHz)	±ppm	Load capacitance (pF)	Can Style
23152	XTAL-1.8432M-U	TXC	QUARTZ CRYSTAL UNITS	1.8432MHz	+/-30ppm	32pF	HC-49/U
23175	XTAL-10.000M-U	TXC	QUARTZ CRYSTAL UNIT	10.000MHz	+/-30ppm	32pF	HC-49/U
7834	XTAL-11.98135M-U	TXC	Quartz Crystal	11.98135	±30ppm	20pF	HC-49U
35973	XTAL-2.000M-U	TXC	Quartz Crystal Units	2.000	±30ppm		HC-49/U



Item / Type	9C
Frequency Range	3.2 ~ 70 Mhz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify
Operating Temperature Range	-10 ~ +60 °C, or specify
Shunt Capacitance (C0)	7 pF Max.
Drive Level	1 ~ 500 µW (100 µW typical)
Load Capacitance	Series, 16 pF, 20 pF, 30 pF, 32 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	-40 ~ +85 °C

Features

- Surface mount type crystal units.
- 2 types (S2: 3.0mm & S3: 3.8mm height) can be applied by customer.
- A great number of standard frequencies.
- High frequency pullability and low equivalent series resistance.
- Highly mass production capability.
- The best choice of PC, STB, LCDM, and Cable Modem.

Part No.	Product No.	Manufacturer	Description	Frequency (MHz)	±ppm	Load capacitance (pF)	Can Style
23176	XTAL-10.000M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	10.000MHz	+/-30ppm	32pF	HC-49/SMD



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