

Features

- > Ultra small SMD type crystal units..
- > High precision characteristics covering up to wide frequency range.
- > Higher frequency stability and reliability.
- > Excellent for reducing EMI effect.
- > The best choice of Bluetooth, wireless communication set, DSC, PDA, mobile phone and USB interface card.
- > RoHS Compliant / Pb Free

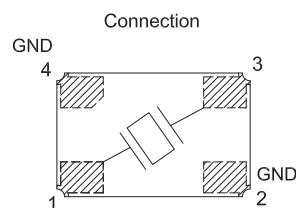
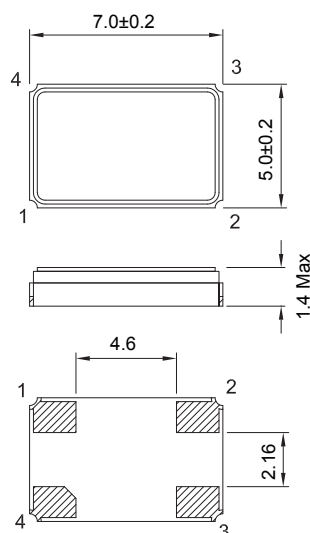
Electrical Specifications

Item / Type	XA
Frequency Range	6 ~ 80 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 20 ppm (-40 ~ +85 °C), or specify
Operating Temperature Range	- 40 ~ + 85 °C, or specify
Shunt Capacitance (C0)	5 pF Max. (2 pF typical)
Drive Level	1 ~ 100 µW (10 µW typical)
Load Capacitance	10 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 55 ~ + 125 °C

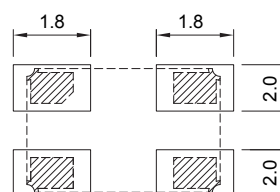
Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
6 ~ 12 MHz	100 Ω Max.	40 ~ 60 MHz	120 Ω Max.
12 ~ 48 MHz	60 Ω Max.	60 ~ 80 MHz	80 Ω Max.

Dimensions



Suggested Layout



Units:mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. www.starwavecorp.com