



Quartz Crystal

7×5mm SMD SEAM SEALED CRYSTAL / X7 SERIES

■ Features

- ◎ High precision characteristic covering up to high frequency range.
- ◎ High frequency stability and reliability.
- ◎ The best choice of wireless communication set.
- ◎ Lead free parts.

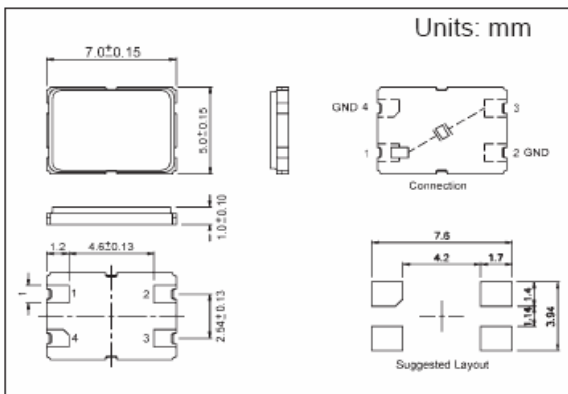
■ Electrical Specifications

Item	type	X7
Frequency Range		8~100MHz
Frequency Tolerance(at 25°C)		± 10ppm, ± 30ppm, or specify
Frequency Stability Over Operating Temperature Range		± 10ppm, ± 30ppm, or specify
Operating Temperature Range		-10 ~ +60°C, -20 ~ +70°C, or specify
Shunt Capacitance (C0)		7 PF Max
Drive Level		1~200 μ W (100 μ W typical)
Load Capacitance		Series,16PF, 20PF,30PF, 32PF or specify
Aging (at 25°C)		± 3ppm / year Max.
Storage Temperature Range		-40 ~ +85°C

■ Equivalent Series Resistance (ESR)

Fundamental		3 rd Overtone	
8 ~ 10MHz	60 Ω Max	32 ~ 60 MHz	100 Ω Max
10 ~ 48MHz	40 Ω Max	60 ~ 100 MHz	80 Ω Max

■ Dimensions



■ Reflow Condition

