



## Quartz Crystal

### 6×3.5mm SMD SEAM SEALED CRYSTAL / X6 SERIES

#### ■ Features

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

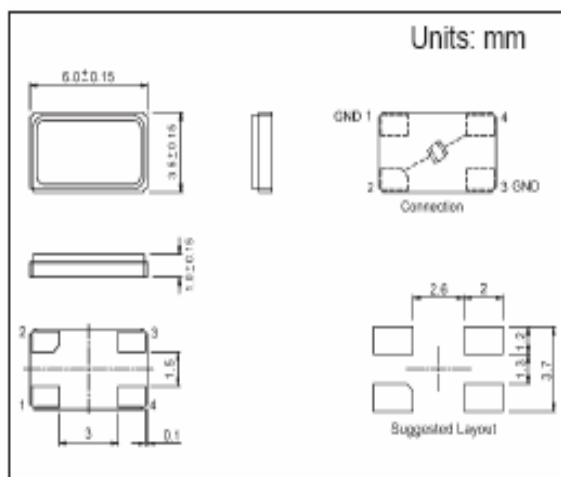
#### ■ Electrical Specifications

Item	type	X6
Frequency Range		12~100MHz
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	
12 ~ 20MHz	60 Ω Max
20 ~ 48MHz	40 Ω Max

#### ■ Dimensions



#### ■ Reflow Condition

