

# Crystal Unit

## SMD7050



### Applications

- Cellular / PHS / Cordless Telephones / Pagers

### Features

- Dimensions (7.0×5.0×1.1)
- Ceramic SMD Package
- Vacuum Seam Sealed
- Tight Tolerance and Stability
- Reflow Soldering / Emboss Taping



### Electrical Specifications

Item / Type	
Frequency Range	6~160MHz
Frequency Tolerance(at 25 °C)	±10ppm~±50ppm, or specify
Frequency Stability Over Operating Temperature Range	±10ppm~±50ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance(C <sub>0</sub> )	5pF Max.
Drive Level	1~200µW Max.(100µW Typical)
Load Capacitance	16pF, 20pF,30pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	1000pcs./Reel
Pad	4Pads

### Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
6~10MHz	100Ω Max.	30~80MHz	90Ω Max.
10~12MHz	60Ω Max.	80~100MHz	90Ω Max.
12~30MHz	50Ω Max.	100~160MHz	100Ω Max.

### Dimensions

