## 75 | 1.2 ×1.0 mm

## SMD Crystal

## **Features**

- 1210 size ultra miniature and lightweight SMD crystal units with low profile of 0.3mm
- Frequency range from 36MHz to 54MHz
- High precision and high frequency stability
- High reliable environmental performance
- Automatic mounting and reflow soldering
- Applications: S *martphone*, SIP Module, IoT, Consumer Electronics, etc.
- RoHS Compliant & Pb Free

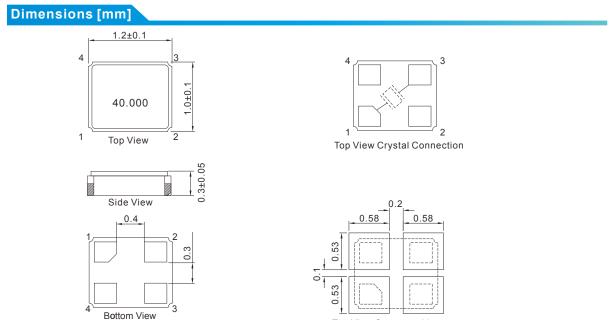




| andard Specifications                      |                       |  |
|--|-----------------------|--|
| Туре                                       | 7S Series SMD Crystal |  |
| Frequency Range                            | 36~54 MHz             |  |
| Frequency Tolerance (at 25°C)              | ±15ppm, ±20ppm        |  |
| Frequency Stability (over Operating Temp.) | ±15ppm, ±20ppm        |  |
| Operating Temperature Range                | -40~+85°C, or specify |  |
| Shunt Capacitance (C₀)                     | 5.0pF Max.            |  |
| Drive Level                                | 1~100µW (50µW Typ.)   |  |
| Load Capacitance                           | 8pF, 10pF, or specify |  |
| Aging (at 25°C)                            | ±3ppm /year Max.      |  |
| Storage Temperature Range                  | -40~+85°C             |  |
| Packing Unit                               | 3000pcs.              |  |

## **Equivalent Series Resistance**

| Fundamental |           |           |
|-------------|-----------|-----------|
|             | 36~54 MHz | 150Ω Max. |



Top View Suggested Layout