SMD Crystals
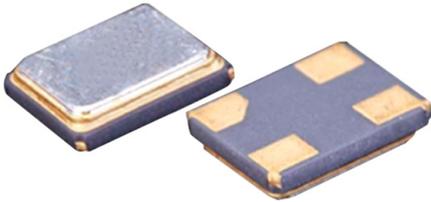## 1.6mm x 1.2mm x 0.35mm

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Features

- 1612 size ultra miniature and lightweight SMD crystal units with low profile of 0.35mm
- Frequency range from 24MHz to 32MHz
- High precision and high frequency stability
- High reliable environmental performance
- Automatic mounting and reflow soldering
- Application for wireless communications, Smart phone, Wearable device, etc.

Standard Specification

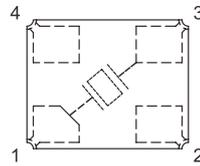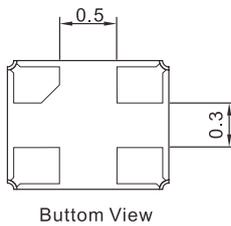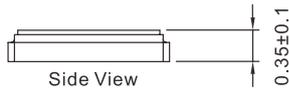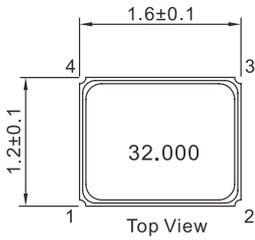|	
Frequency Range	: 24 MHz to 32 MHz
Frequency Tolerance (at 25°C)	: ±10ppm
Frequency stability Over Operating Temperature	: ±10ppm
Operating Temperature Range	: -20°C to +70°C
Shunt Capacitance (C_0)	: 5pF Max.
Drive Level	: 1µW to 200µW (50µW Typ.)
Load Capacitance	: 8pF to 12pF
Aging (at 25°C)	: ±3ppm /year Max.
Storage Temperature Range	: -55°C to +125°C

Equivalent Series Resistance

Fundamental

24MHz to 27MHz	: 100Ω Max.
32MHz	: 80Ω Max.

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SMD Crystals
1.6mm x 1.2mm x 0.35mm

Top View

Side View

Buttom View

Top View Crystal Connection
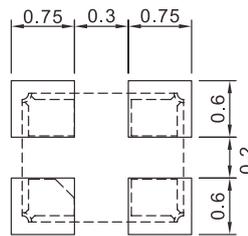
Top View Suggested Layout

Dimensions : Millimetres

Part Number Table

Description	Part Number
SMD Crystal, 25MHz, 8pF, 1.6mm x 1.2mm x 0.35mm	MP007029
SMD Crystal, 25MHz, 10pF, 1.6mm x 1.2mm x 0.35mm	MP007030
SMD Crystal, 24MHz, 12pF, 1.6mm x 1.2mm x 0.35mm	MP007031
SMD Crystal, 24MHz, 8pF, 1.6mm x 1.2mm x 0.35mm	MP007032
SMD Crystal, 26MHz, 9pF, 1.6mm x 1.2mm x 0.35mm	MP007033
SMD Crystal, 26MHz, 12pF, 1.6mm x 1.2mm x 0.35mm	MP007034
SMD Crystal, 27MHz, 8pF, 1.6mm x 1.2mm x 0.35mm	MP007035
SMD Crystal, 27MHz, 12pF, 1.6mm x 1.2mm x 0.35mm	MP007036
SMD Crystal, 32MHz, 8pF, 1.6mm x 1.2mm x 0.35mm	MP007037
SMD Crystal, 32MHz, 10pF, 1.6mm x 1.2mm x 0.35mm	MP007038

19/02/21   V1.0