

**RoHS
Compliant**



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: Smartphone, SIP Module, IoT, Consumer Electronics, etc.

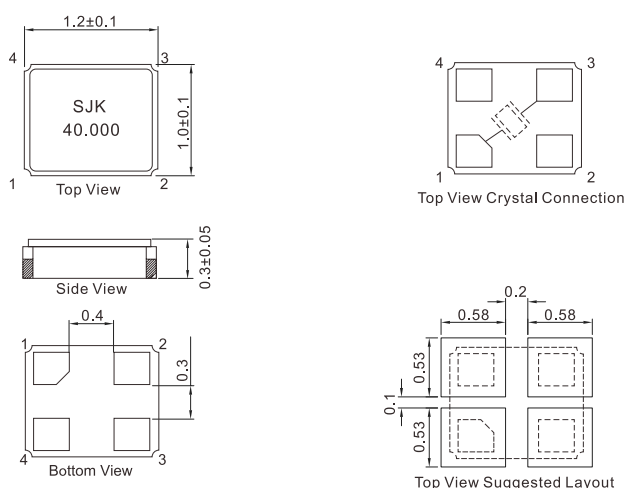
Specifications

Frequency Range	: 36 to 54 MHz
Frequency Tolerance (at 25°C)	: ±15ppm, ±20ppm
Frequency Stability (over Operating Temp.)	: ±15ppm, ±20ppm
Operating Temperature Range	: -40°C to +85°C, or specify
Shunt Capacitance (C ₀)	: 5pF Max.
Drive Level	: 1 to 100µW (50µW Typ.)
Load Capacitance	: 8pF, 10pF, or specify
Aging (at 25°C)	: ±3ppm /year Max.
Storage Temperature Range	: -40°C to +85°C
Packing Unit	: 3000pcs.

Equivalent Series Resistance

36 to 54 MHz 150Ω Max.

Dimensions



Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

Part Number Table

Description	Part Number
Crystal, 1210, 24MHz, 8pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-24.00-8-10-120-C-20
Crystal, 1210, 24MHz, 12pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-24.00-12-10-120-C-20
Crystal, 1210, 25MHz, 10pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-25.00-10-10-120-C-30
Crystal, 1210, 25MHz, 12pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-25.00-12-10-120-C-30
Crystal, 1210, 32MHz, 8pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-32.00-8-10-120-C-20
Crystal, 1210, 32MHz, 10pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-32.00-10-10-120-B-10
Crystal, 1210, 38MHz, 8pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-38.40-8-10-60-C-30
Crystal, 1210, 40MHz, 10pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-40.00-10-10-120-C-20
Crystal, 1210, 48MHz, 10pF, 10ppm, 1.2mm × 1mm	MPSJK-7S-48.00-10-10-60-B-10

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