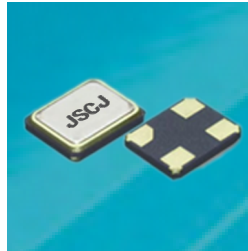




■ Features

- > 1612 size miniature SMD crystal resonator with a low profile of 0.5mm.
- > Excellent heat resistance, high precision. and high reliability.
- > Offers a wide frequency range from a comparatively low 24MHz up to 60MHz.



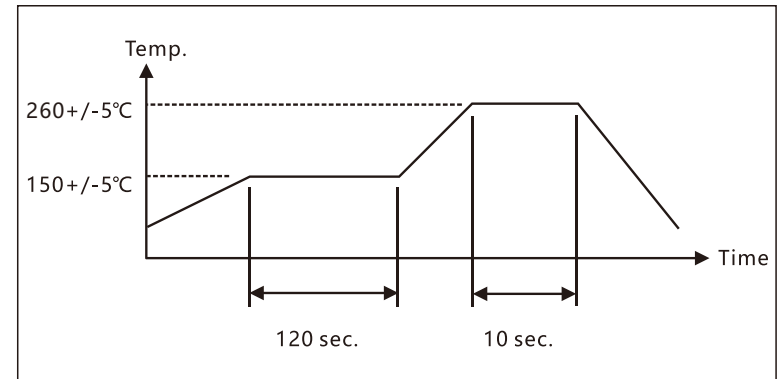
■ Electrical Specifications

Item / Type	SMD 1612
Frequency Range	24 ~ 60 MHz
Frequency Tolerance (at 25°C)	± 10 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 20 ppm, or specify
Operating Temperature Range	-20 ~ +70 °C, -40 ~ +85 °C, or specify
Shunt Capacitance (C0)	2 pF Max.
Drive Level	100 μW Max.
Load Capacitance	8 pF, 10 pF, 12 pF, or specify
Aging (at 25°C)	±1ppm/year Max ±2ppm/year Max ±3ppm/year Max
Storage Temperature Range	-55~+125°C

■ Equivalent Series Resistance (ESR)

Fundamental	
24 ~ 30 MHz	100 Ω Max.
30 ~ 60 MHz	80 Ω Max.

■ Reflow Condition



■ Dimensions

