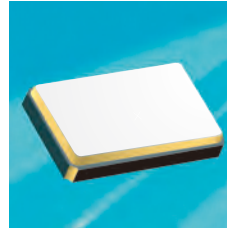




■ Features

- > 5032 size miniature and lightweight SMD crystal resonator with a low profile of 0.9mm.
- > Excellent heat resistance, high precision and high reliability.
- > Offers a wide frequency range from a comparatively low 8MHz up to 100MHz



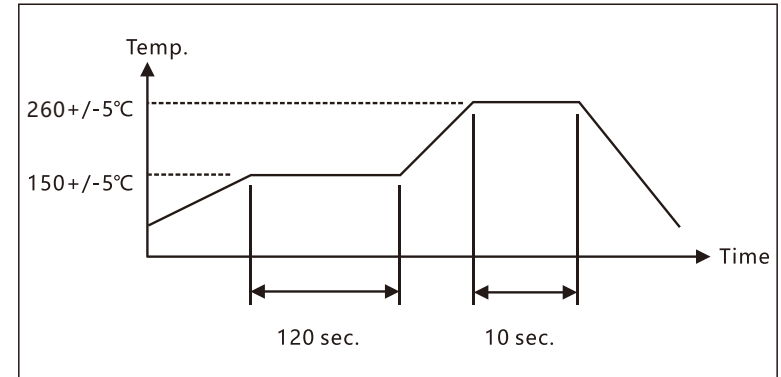
■ Electrical Specifications

Item / Type	SMD 5032
Frequency Range	8 ~ 100 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)	5 pF Max.
Drive Level	1 ~ 200 μW (100 μW typical)
Load Capacitance	Series, 6 pF, 10 pF, 16 pF, 20 pF, or specify
Aging (at 25°C)	±1ppm/year Max ±2ppm/year Max ±3ppm/year Max
Storage Temperature Range	-55 ~ +150°C

■ Equivalent Series Resistance (ESR)

Fundamental		3rd Overtone	
8 ~ 12 MHz	40 Ω Max.	40 ~ 60 MHz	120 Ω Max.
12 ~ 40 MHz	50 Ω Max.	60 ~ 100 MHz	80 Ω Max.

■ Reflow Condition



■ Dimensions

