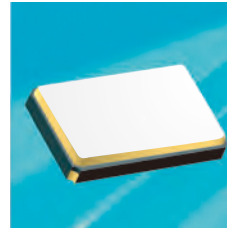




■ Features

- > 6035 size miniature SMD crystal resonator with a low profile of 1.0mm.
- > Excellent heat resistance, high precision and high reliability.
- > Offers a wide frequency range from a comparatively low 6MHz up to 100MHz.



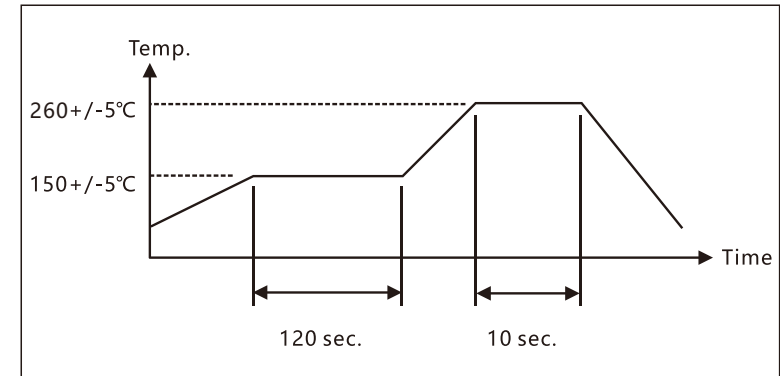
■ Electrical Specifications

Item / Type	SMD 6035
Frequency Range	6 ~ 100 MHz
Frequency Tolerance (at 25°C)	± 10 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify
Operating Temperature Range	-20 ~ +70°C, -40 ~ +85°C, or specify
Shunt Capacitance (C0)	7 pF Max. (3 pF typical)
Drive Level	1 ~ 200 μW (100 μW typical)
Load Capacitance	Series, 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	
6 ~ 12 MHz	80 Ω Max.
12 ~ 48 MHz	60 Ω Max.
48 ~ 100 MHz	70 Ω Max.

■ Reflow Condition



■ Dimensions

