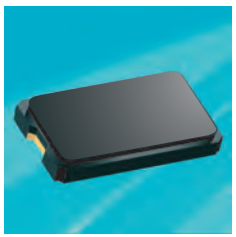
Features



> Low profile 1.5 mm; 2 pads glass sealed crystal units.
> Ceramic package assures high reliability.
> Tight tolerance and stability available.
> Designed for automatic mounting and reflow soldering.
> Reasonable cost and good delivery performance.
> The best choice of PC, and Notebook.
> Contains Pb in sealing glass exempted by RoHS directive.

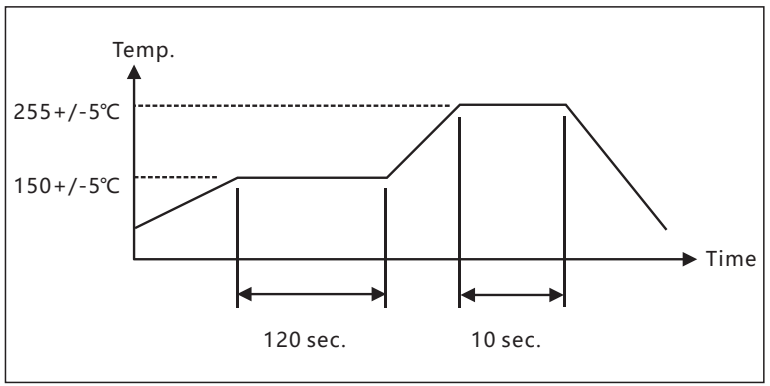
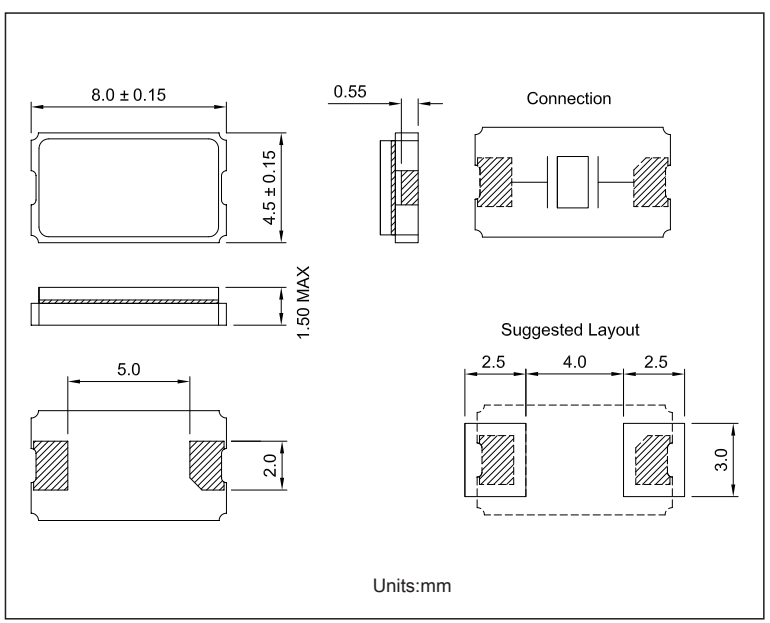
Electrical Specifications

Item / Type	SMD 8045 GLASS
Frequency Range	6 ~ 80 MHz
Frequency Tolerance (at 25℃)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 50 ppm, or specify
Operating Temperature Range	-20 ~ +70℃, 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℃)	± 3 ppm / year Max.
Storage Temperature Range	-40 ~ +85℃

Equivalent Series Resistance (ESR)

Fundamental		3rd Overtone	
6 ~ 10 MHz	80 Ω Max.	32 ~ 60 MHz	100 Ω Max.
10 ~ 16 MHz	60 Ω Max.	60 ~ 80 MHz	80 Ω Max.
16 ~ 48 MHz	40 Ω Max.		

Reflow Condition



Dimensions