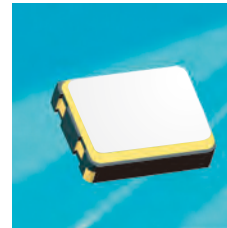




■ Features

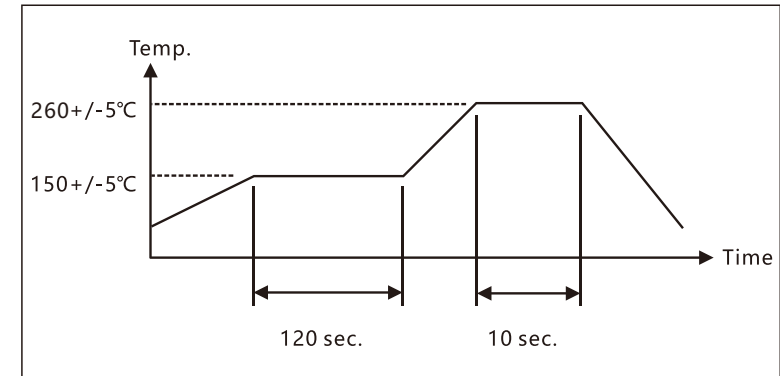
- > Ultra Small SMD seam sealed clock crystal oscillator units.
- > For applications in WLAN, Bluetooth, DSC, DSL and other IT product.
- > RoHS Compliant / Pb Free.



■ Electrical Specifications

Item / Type	SMD 3225		
Output Type	CMOS		
Output Load	15 pF , or specify		
Oscillation Mode	Fundamental / 3rd Overtone		
supply Voltage	1.8 V	2.5 V , 2.8 V , 3.3 V	
Frequency Range	4 ~100 MHz		
Frequency Stability	± 25 ppm , ± 50 ppm		
Operating Temperature Range	- 20 ~ + 70°C , - 40 ~ + 85°C -40~+105 °C or specify		
Storage Temperature Range	- 55 ~ + 125°C		
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD		
Rise (Tr) / Fall (Tf) Time	8 ns Max.		
Supply Current	10 mA Max.	20 mA Max.	45 mA Max.
Symmetry	45 ~55 %		
Start-up Time	5 ms Max.		
Phase Jitter (12 KHz ~ 20 MHz)	1 ps Max.		
Aging (at 25 °C)	±1ppm/year Max	±2ppm/year Max	±3ppm/year Max

■ Reflow Condition



■ Dimensions

