



Specification for approval

Product Name:	Customer Name:
Crystal Oscillator	
Holder Type:	Customer Part NO.:
OSC SMD3225	
Description:	Issued Date:
100.00MHZ / ±25PPM / 3.3V	2022-11-10

Please confirmatory sample, and give us valuable suggestion, thanks!

Customer Approved		
engineer	quality	buyer

Supplier Approved		
Issued by	Checked by	Approved by

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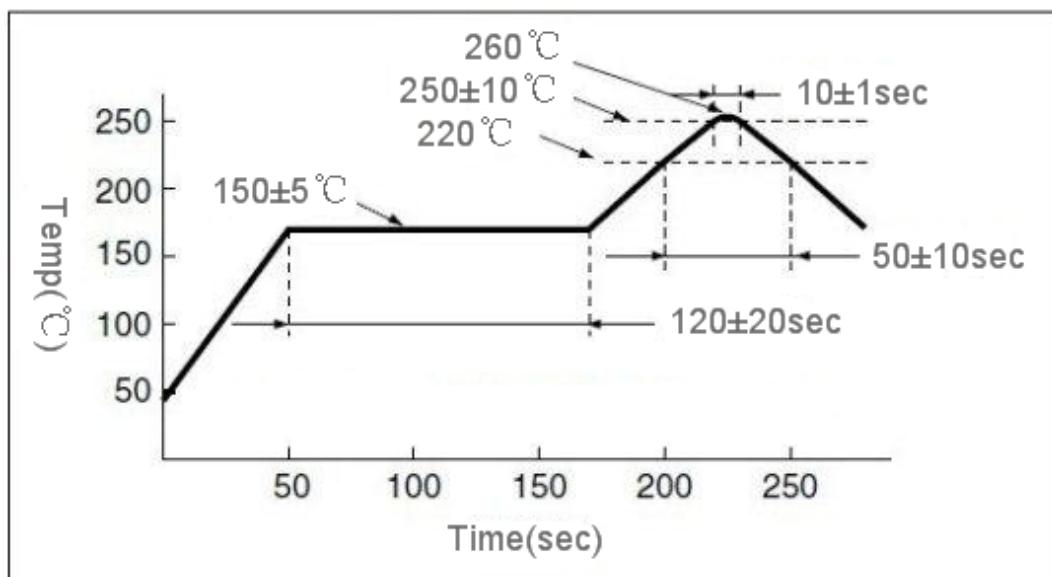
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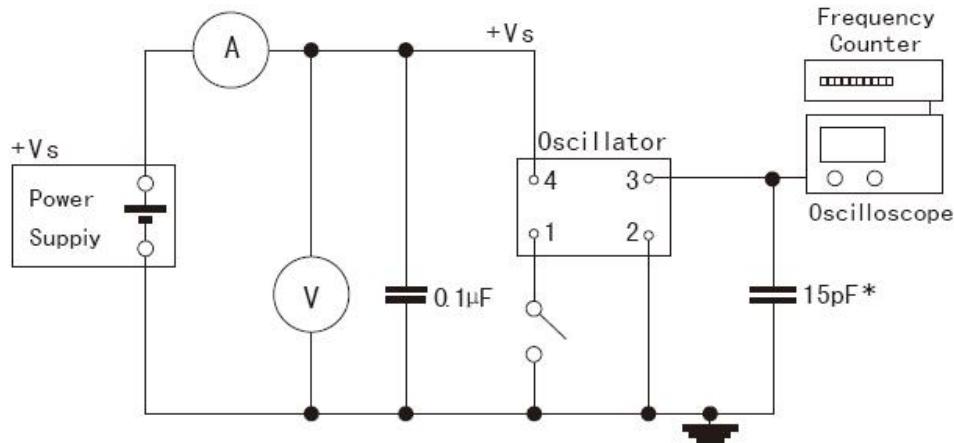
1: Electrical parameters

No.	Item	Spec
1	Model NO.	OSC SMD3225
2	Nominal Frequency	100.000000MHZ
3	Temperature Characteristics	$\pm 25\text{ppm}$
4	Operating temperature Range	-40°C ~ +85°C
5	Storage Temperature Range	-55°C ~ +125°C
6	Supply Voltage	3.3V $\pm 0.1\text{V}$
7	Supply Current	30mA Max
8	Output wave	HC CMOS
9	Output Load	15PF
10	Rise/Fall Time	10ns Max
12	Symmetry	50% $\pm 10\%$
13	Aging Rate a Year	$\pm 3\text{ppm/year}$
14	start up time	5ms Max

2. Reflow Condition



3. Test Circuit



4. matters need attention

- 4.1: Install the product in the anti-static environment (IC circuit for this item as a requirement)
- 4.2: Note that prevent fall or collision caused by the product failure
- 4.3: Crystal plus power voltage amplitude, tolerance, correct polarity, attention to power supply ripple (Low phase noise crystal recommended low ripple linear power)
- 4.4: Output load to match
- 4.5: Oscillator circuit, NC/tri-state pin must be Vacant / tri-state control terminal
- 4.6:DIP package crystal welded by hand,SMD package crystal using reflow ,The welding temperature does not exceed 265 °C , Time of less than 5 seconds
- 4.7: Product storage ambient temperature is -10°C ~ 40°C , Relative humidity less than 80% , Ambient non-acidic, alkaline and other harmful gases

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5: Dimensions (Unit:mm)

