



# ZHEJIANG A-CRYSTAL ELECTRONIC TECHNOLOGY CO.,LTD.

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Web:http://www.acrystals.com

Add:No.1,17th Building, Feiyue Technology Innovation Park,Jiaojiang, Taizhou, Zhejiang, China.

## How to order A-Crystal Quartz Crystal

To order crystals with frequency, tolerances, or configuration not available on the standard list, please finish the following data:

1. Size/Part number:

2. FREQUENCY: MHz or KHz

3. FREQUENCY TOLERANCE: ± ppm

4. TEMPERATURE STABILITY TOLERANCE:  
± ppm from °C to °C

5. OPERATING TEMPERATURE RANGE: °C to °C

6. LOAD CAPACITANCE: pF or (SERIES)

7. EFFECTIVE SERIES RESISTANCE: Ω max.

8. DRIVE LEVEL: mW, max. mW, correlation

9. SHUNT CAPACITANCE: pF, max.

10. OSCILLATION MODE: Fundamental or Overtone

11. TEST CIRCUIT (Optional or specified by A-Crystal)\_\_\_\_\_

12. ADDITIONAL SPECIFICATIONS:\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

13. APPLICATION:\_\_\_\_\_

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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How to order A-Crystal Oscillators

To order oscillators with frequency, tolerances, or configuration not available on the standard list, please finish the following data:

- 1. Size/part number: \_\_\_\_\_
2. Nominal Frequency: \_\_\_\_\_ MHz
3. Frequency Tolerance: \_\_\_\_\_ ppm Max
4. Frequency Stability
4-1. vs Temperature Range: \_\_\_\_\_ ppm Max
4-2. vs VDD Change: \_\_\_\_\_ ppm Max
4-3. vs Load Change: \_\_\_\_\_ ppm Max
5. Operating Temperature: \_\_\_\_\_ to \_\_\_\_\_ °C
6. VDD: \_\_\_\_\_ Vdc ± 5%
7. Current Consumption: \_\_\_\_\_ mA Max.
8. Output Load: [ ] TTL
[ ] HCMOS 15pF
[ ] HCMOS 50pF
[ ] Cliped Sine wave
10KΩ // 10pF
[ ] LVPECL 50Ω
[ ] LVDS 100Ω
9. Rise Time: \_\_\_\_\_ ns Max.
10. Fall Time: \_\_\_\_\_ ns Max.
11. Duty Cycle: \_\_\_\_\_ %
12. Pulling Range (VCXO): \_\_\_\_\_ ppm Max.
13. Control Voltage: \_\_\_\_\_ Vdc ± \_\_\_\_\_ Vdc
14. Trimming Range: \_\_\_\_\_ ppm Min.
15. ADDITIONAL SPECIFICATIONS: \_\_\_\_\_
16. APPLICATION: \_\_\_\_\_