Micro Miniature Cylinder Type Crystal

CX310
CX39
CX38

The cylinder type crystal is “At Strip” crystal features miniaturization that makes it perfect for applications requiring small size

- AT-cut performance
- Very small footprint
- Resistance weld seal
- Highshock resistance

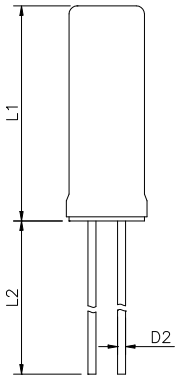
Specifications:

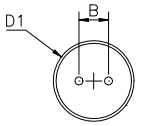
Frequency Range:	3.579MHz ~ 70.000MHz	
Operating Temperature:	0°C ~ +50°C	-A
	-10°C ~ +60°C	-B
	-20°C ~ +70°C	-C
	-40°C ~ +85°C	-L
Storage Temperature:	-40°C ~ +85°C	
Frequency Tolerance:	± 50 ppm	-50
(at 25°C)	± 30 ppm	-30
	± 20 ppm	-20
	± 10 ppm	-10
Frequency Stability:	± 50 ppm	-50
(over temperature range)	± 30 ppm	-30
	± 20 ppm	-20
	± 10 ppm	-10
Circuit Condition:	10 pF ~ 32 pF or series	
Equivalent Series Resistance:	Maximum resistance corresponds to frequency. Please see ESR table.	
Drive Level:	100 μW max	
Shunt Capacitance:	7 pF max	
Aging:	± 5 ppm max per year	
Optional Features:	Tape & Reel	-TR

Note:

1. Other frequencies, tolerances, stabilities, and operating temperature ranges available. Consult VTC Support for specific requirements.
2. Not all combinations of the above tolerances, stabilities, and temperature ranges are available. Consult VTC Support if your requirement is not standard.
3. All specifications subject to change without notice.

CX Series





Model	L1	L2	D1	D2	B
CX310	10.3	10.0	∅3.1	∅0.3	1.1
CX39	9.3	10.0	∅3.1	∅0.3	1.1
CX38	8.3	10.0	∅3.1	∅0.3	1.1

All dimensions are in mm

Ordering Information

Product name + CL + Operating Temperature + Tolerance + Stability + Other Code + Frequency.

i.e. CX38-20-C-30-30-F 24MHz

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