

CYLINDER CRYSTALS

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Description

- Leaded crystal
- Press sealed metal can
- Package high dependent on frequency

General Specifications

- Load Capacitance (C_L): 16pF standard
- Drive Level: 100 μ W max
- Ageing ± 5 ppm max at 25°C $\pm 3^\circ$ C in 1st year
- Shunt Capacitance (C_0): 5pF typ

Standard Frequency Tolerance and Stability

- ± 50 ppm

Operating Temperature Range

- -20 to 70° C

Storage Temperature Range

- -55 to 125° C

Packaging

- Loose in bulk pack, 100pcs per bag

Ordering Information (*minimum required)

- Frequency*
- Model*
- Frequency Tolerance (@25°C)*
- Frequency Stability (over operating temperature range)*
- Operating Temperature Range*
- Load Capacitance*
- Overtone*

Example

- 10.0MHz CYL(3x9)
50/50/-20 to 70C/16 FUND

Electrical Specification - maximum limiting values

Frequency Range	Frequency Tolerance @25°C $\pm 2^\circ$ C	Operating Temperature Range	Frequency Stability Available Over Operating Temperature	ESR Max	Vibration Mode	Package Type
3.579545 to <4.0MHz	± 50 ppm	-20 to 70° C	± 50 ppm	200 Ω	Fundamental AT	3x10mm
4.0 to <5.0MHz				150 Ω		3x9mm
5.0 to <6.0MHz				120 Ω		
6.0 to <7.0MHz				100 Ω		
7.0 to <9.0MHz				80 Ω		
9.0 to <15.0MHz				60 Ω		
15.0 to <20.0MHz				50 Ω		
20.0 to 36.0MHz				40 Ω		
32.0 to 45.0MHz				-10 to 60° C		± 100 ppm
32.0 to 60.0MHz	-20 to 70° C	± 50 ppm	70 Ω	3rd Overtone AT		

Note: For other frequency / specification combinations, please contact our sales offices

Outline (mm)

