

ISSUE 15; March 2021

### Description

- Cylinder 3x9mm  
Leaded crystal  
Press sealed metal can

### Frequency Parameters

- Frequency 4.0MHz to 60.0MHz
- Frequency Tolerance  $\pm 50.00\text{ppm}$
- Frequency Stability  $\pm 50.00\text{ppm}$
- Ageing  $\pm 5\text{ppm}$  max in 1st Year

### Electrical Parameters

- Load Capacitance (CL) 16.0pF
- Shunt Capacitance (C0) 5pF typical
- Drive Level 100 $\mu$ W max

### Operating Temperature Ranges

- -20 to 70°C

### Environmental Parameters

- Storage Temperature: -55°C to 125°C

### Ordering Information

- 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

### Compliance

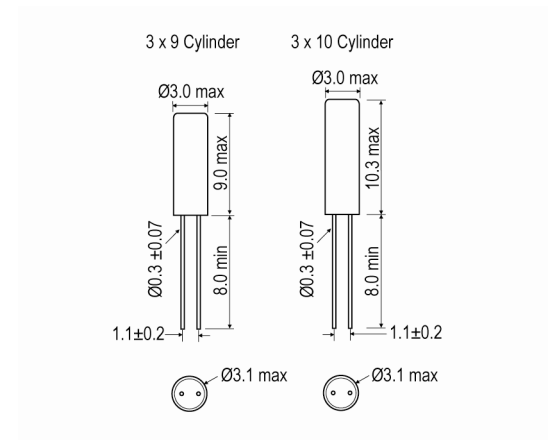
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

### Packaging Details

- Pack Style: Bulk Loose in bulk pack
- Pack Size: 100



Outline (mm)



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Electrical Specification - maximum limiting values

Frequency Min	Frequency Max	Temperature Range	Stability (Min)	Over Tone Order	ESR
		°C	ppm		Ω
4.0MHz	4.999999MHz	-20 to 70	±50	Fundamental	150
5.0MHz	5.999999MHz	-20 to 70	±50	Fundamental	120
6.0MHz	6.999999MHz	-20 to 70	±50	Fundamental	100
7.0MHz	8.999999MHz	-20 to 70	±50	Fundamental	80
9.0MHz	14.999999MHz	-20 to 70	±50	Fundamental	60
15.0MHz	19.999999MHz	-20 to 70	±50	Fundamental	50
20.0MHz	36.0MHz	-20 to 70	±50	Fundamental	40
32.0MHz	60.0MHz	-20 to 70	±50	3rd Overtone	70

\*Stability Maximum values ±50ppm

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