

ISSUE 15; March 2016

Description

- Cylinder 3x9mm
Leaded crystal
Press sealed metal can

Frequency Parameters

- Frequency 4.0MHz to 60.0MHz
- Frequency Tolerance ± 50.00 ppm
- Frequency Stability ± 50.00 ppm
- Ageing ± 5 ppm max in 1st Year

Electrical Parameters

- Load Capacitance (CL) 16.0pF
- Shunt Capacitance (C0) 5pF typical
- Drive Level 100 μ 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

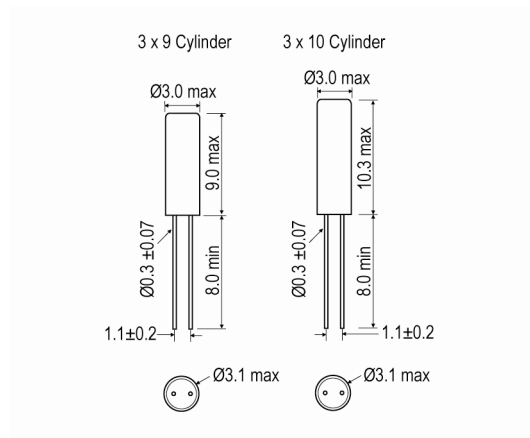
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

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

This document was correct at the time of printing; please contact your local sales office for the latest version.

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