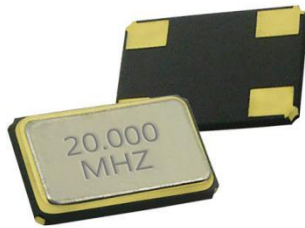


# SMD-5032



## Features

- External dimensions: 5.0 x 3.2 x 0.9mm.
- Frequency range: 7MHz ~ 50MHz.
- Surface mount type crystal units.
- A great number of standard frequencies.
- High frequency pullability and low equivalent series resistance.
- Highly mass production capability.
- Applications: PC, STB, LCDM and Cable Modem.

## Electrical Specifications

Item / Type	5032
Frequency Range	7 ~ 50 MHz
Frequency Tolerance (at 25 °C)	± 20ppm, or specify
Frequency Stability Over Operating Temperature Range	± 20ppm, or specify
Operating Temperature Range	- 20 ~ +70 °C, or specify
Shunt Capacitance (C0)	7 pF Max.
Drive Level	1 ~ 500 uW (50 uW typical)
Load Capacitance	Series, 9 pF 12 pF 16 pF, 18 pF, 20 pF, 22 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

## Equivalent Series Resistance

Item / Type		5032	
7~8 MHz	150 Ω Max	20 ~ 30 MHz	50 Ω Max.
8 ~ 10 MHz	100 Ω Max	30~50MHz	40 Ω Max.
10 ~ 12 MHz	80 Ω Max		
12 ~ 14 MHz	70 Ω Max.		
14 ~ 20 MHz	60 Ω Max.		

## Dimensions



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