INNOVATOR IN ELECTRONICS

Product Search Data Sheet

CSTLS20M0X53-B0

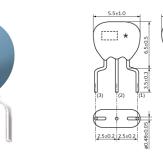
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Co., Ltd.

Note: This datasheet may be out of date



Appearance & Shape





| Other Usage Consumer/Industrial |
|---------------------------------|
|---------------------------------|

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|----------------|---------------------------|
| В0 | Bulk | 500 |

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance police. Please about with an accessed of the area advance before accessed by the second second

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muRata

URL : https://www.murata.com/ https://www.murata.com/



MURATA's ceramic resonator, CERALOCK(R) with built-in load capacitors, has been widely applied as the most suitable component for clock oscillators in a broad range of microprocessors. The CSTLS series can be used in the design of oscillation circuits not requiring external load capacitors, enabling both high-density mounting and cost reduction.

Please download the latest datasheet of CSTLS20M0X53-B0 from the official website of Murata Manufacturing

US/products/productdetail?partno=CSTLS20M0X53-B0

Features

: 3.5±1.0 (16.00–32.99MHz) 3.0±1.0 (33.00–70.00MHz) Frequency Marking EIAJ Monthly Code

(in mm)

1. Oscillation circuits do not require external load capacitors. There is some variation in built-in capacitance values applicable to various IC.

2. Stable over a wide temperature range.

3. Compact, lightweight and exhibit superior shock resistance performance.

4. Enable the design of oscillator circuits requiring no adjustment.

5. Cost-effective and reliable availability.



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CSTLS20M0X53-B0

Specifications

| Product Type | Ceramic Resonator (CERALOCK®) | |
|------------------------------------|----------------------------------|--|
| Series | CSTLS_X | |
| Frequency | 20.000MHz | |
| Frequency Tolerance | +/-0.50% max. | |
| Operating Temperature Range | -20°C to 80°C | |
| Frequency Shift by Temperature | +/-0.20% max. | |
| Frequency Aging | +/-0.20% max. | |
| Resonant Impedance (R1) | 50ohm max. | |
| Built-in Load Capacitance(CL1/CL2) | 15pF | |
| Shape | Lead | |
| Wash | Not available | |

2 of 2

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