

Product Search Data Sheet

CSTLS8M38G53-A0

In Production Recommended RoHS REACH

Applications

| Unsuitable | Please be sure to read and comply with |
|--------------------------|--|
| | |
| Applications | these "Precautions for use." |
| | Consumer equipment,Industrial |
| | equipment except for transportation & |
| | facility & energy equipment, Medical |
| | equipment [GHTF A/B],Mobile |
| | Electronics |
| Specific | Please refer to Our Website and |
| Specific Applications | specifications, etc. for information about |
| Applications | the performance, functions, quality, |
| | management, and safety required for |
| | the above applications, and use |
| | Products after confirming the |
| | performance and reliability of the actual |
| | Product. |

Appearance & Shape





Note: This datasheet may be out of date. Please download the latest datasheet of CSTLS8M38G53-A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTLS8M38G53-A0

Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------------|
| A0 | Ammo Pack | 2000 |



MURATA's ceramic resonator, CERALOCK 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.

Features

1. Oscillation circuits do not require external load capacitors. There

- is some variation 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.

1 of 2

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 notice. Please check with our sales representatives or product engineers before ordering.
- 2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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Specifications

| Product Type | Ceramic Resonator (CERALOCK) |
|--|---------------------------------|
| Series | CSTLS_G |
| Frequency | 8.388MHz |
| Frequency Tolerance | +/-0.50% max. |
| Operating Temperature Range | -20°C~80°C |
| Frequency Shift by Temperature | +/-0.20% max. |
| Frequency Aging | +/-0.20% max. |
| Resonant Impedance (R1) | 25ohm max. |
| Built-in Load Capacitance (CL1/CL2) | 15pF |
| Shape | Lead |
| Wash | Not available |
| L x W (size) | 9.0x6.0mm |
| Mass | 126mg |

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