

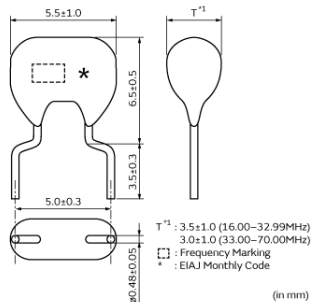
# CSALS20M0X53-B0



## Applications

|                         |  |
|-------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."  |
| Specific Applications   | Consumer equipment<br>Please refer to Our Website and specifications, etc. for information about 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



## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| B0        | Bulk           | 500                       |

## Features

MURATA's ceramic resonator, CERALOCK has been widely applied as the most suitable component for clock oscillators in a broad range of microprocessors.

### Features

1. Stable over a wide temperature range.
2. Compact, lightweight and exhibit superior shock resistance performance.
3. Cost-effective and reliable availability.

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

# CSALS20M0X53-B0



## Specifications

|                                |                                 |
|--------------------------------|---------------------------------|
| Product Type                   | Ceramic Resonator<br>(CERALOCK) |
| Series                         | CSALS_X                         |
| Frequency                      | 20.000MHz                       |
| 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)        | 50ohm max.                      |
| Shape                          | Lead                            |
| Wash                           | Not available                   |
| L x W (size)                   | 6.5x7.0mm                       |
| Mass                           | 137mg                           |

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