Note: This datasheet may be out of date. Please download the latest datasheet of CSBLA500KECB040-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSBLA500KECB040-B0

## CSBLA500KECB040-B0









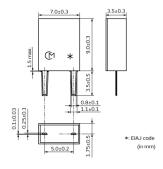
## **Applications**

| Unsuitable               | Please be sure to read and comply with     |  |
|--------------------------|--|--|
| Applications             | these "Precautions for use."               |  |
| Specific<br>Applications | Consumer equipment                         |  |
|                          | 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<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| В0        | Bulk           | 500                             |



### **Features**

The CSBLAseries ceramic resonators owe their development to MURATA's innovative expert technologies and the application of mass production techniques typically utilized in the manufacture of piezoelectric ceramic components. Because of their high mechanical Q and consistent high quality, the CSBLAseries are ideally suited to microprocessor and remote control unit applications.

### Features

- 1. Stable over a wide temperature range and with respect to longterm aging.
- 2. Fixed, tuned, solid-state devices
- 3. Miniature and lightweight
- 4. Exhibit excellent shock resistance performance.
- 5. Oscillating circuits requiring no adjustment can be designed by utilizing these resonators in conjunction with transistors or appropriate ICs.

1 of 2

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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





### Product Search Data Sheet

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# CSBLA500KECB040-B0



# **Specifications**

| Product Type                      | Ceramic Resonator<br>(CERALOCK) |
|-----------------------------------|---------------------------------|
| Series                            | CSBLA_E (430-699kHz)            |
| Frequency                         | 500.0kHz                        |
| Frequency Tolerance               | +/-2kHz max.                    |
| Operating Temperature Range       | -20°C~80°C                      |
| Frequency Shift by<br>Temperature | +/-0.30% max.                   |
| Frequency Aging                   | +/-0.30% max.                   |
| Resonant Impedance (R1)           | 30ohm max.                      |
| Shape                             | Lead                            |
| Wash                              | Not available                   |
| L x W (size)                      | 9.0x7.0mm                       |
| Mass                              | 352mg                           |

2 of 2

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