

#### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CDBLB455KCAX18-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=CDBLB455KCAX18-B0

# CDBLB455KCAX18-B0









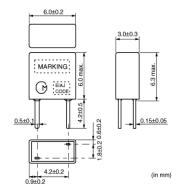
## **Applications**

| 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**

Ceramic discriminator consists of a wide bandpiezoelectric resonator. It is ideal for mobile communications equipment due to its small size and light weight. Standard line includes products for a wide range of applications, from cordless telecom to cellular telephone. Practically adjustment free at the detection circuit, small size is suitable for downsizing.

#### Features

- 1. Small in size and light weight
- 2. Adjustment free at detection circuit
- 3. High sensitivity and stability
- 4. Wide range of standard products are available for various ICs.
- 5. Operating temperature range: -20 to +80 (°C), Storage temperature range: -40 to +85 (°C)

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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





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# **Specifications**

| Operating Temperature<br>Range | -20°C to 80°C   |
|--------------------------------|-----------------|
| Shape                          | Lead            |
| Center Frequency               | 455.0kHz        |
| Nominal Center Value           | Yes             |
| Recovered Audio 3dB BW         | fn±3.0kHzmin.   |
| Distortion(max.)               | 2%              |
| Area of Distortion             | 2.0%max.(at fn) |
| Recovered Audio Output         | 180mV±40        |
| IC                             | MC3371          |
| IC Maker                       | MOTOROLA        |
| Mass                           | 325mg           |

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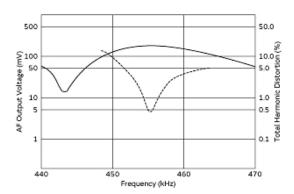
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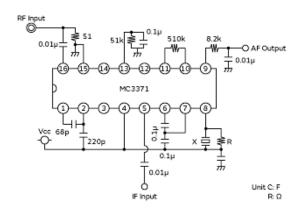
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## **Product Data**



Frequency Characteristics



Test Condition Vcc = +4.0V R = 6.2kΩ X: CDBLB455KCAX18-B0

Measurement Circuit

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