## CDBLB455KCAY42-B0

## Applications

| Unsuitable <br> Applications | Please be sure to read and comply with <br> these "Precautions for use." |
| :--- | :--- |
| Specific  <br> Applications Consumer equipment <br> Please refer to Our Website and <br> specifications, etc. for information about <br> the performance, functions, quality, <br> management, and safety required for <br> the above applications, and use <br> Products after confirming the <br> performance and reliability of the actual <br> Product. |  |

## Appearance \& Shape




Packaging Information

| Packaging | Specifications | Standard <br> Packing <br> Quantity |
| :--- | :--- | :--- |
| B0 | 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 $+80\left({ }^{\circ} \mathrm{C}\right)$, Storage temperature range: -40 to $+85\left({ }^{\circ} \mathrm{C}\right)$
[^0]
## CDBLB455KCAY42-B0



## Specifications

| Operating Temperature <br> Range | $-20^{\circ} \mathrm{C}$ to $80^{\circ} \mathrm{C}$ |
| :--- | :--- |
| Shape | Lead |
| Center Frequency | 455.0 kHz |
| Nominal Center Value | Yes |
| Recovered Audio 3dB BW | fn $\pm 4.0 \mathrm{kHzmin}$. |
| Distortion(max.) | $3 \%$ |
| Area of Distortion | $300 \% \mathrm{max}$. (at fn) |
| Recovered Audio Output | TK14590/TK14591 |
| IC | TOKO |
| IC Maker | 204 mg |
| Mass |  |

[^1]URL : https://www.murata.com/

## CDBLB455KCAY42-B0

Product Data



| Part Number $(\mathrm{X})$ | C | R |
| :---: | :---: | :---: |
| CDBLE455KCAY42-BO | 22 pF | $3.3 \mathrm{k} \Omega$ |

Frequency Characteristics
Measurement Circuit

## 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


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