

#### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CDBKB455KCAY40-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CDBKB455KCAY40-R0

## CDBKB455KCAY40-R0









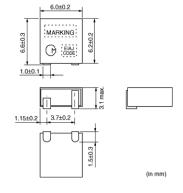
### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific 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 Packing Quantity
-R0	180mm Embossed Tape	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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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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# **Specifications**

Operating Temperature Range	-20°C to 80°C
Shape	SMD
Center Frequency	455.0kHz
Nominal Center Value	Yes
Recovered Audio 3dB BW	fn±4.0kHzmin.
Distortion(max.)	3.5%
Area of Distortion	3.5%max.(at fn)
Recovered Audio Output	40mV±20
IC	TA31145
IC Maker	TOSHIBA
Mass	300mg

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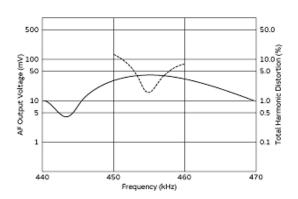
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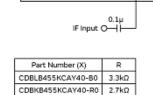
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Frequency Characteristics

Measurement Circuit

Unit C: F

TA31145 (TOSHIBA)

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