

Product Search Data Sheet

# CDBKB455KCAY35-R0

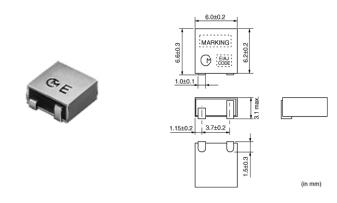
Discontinued RoHS

HS REACH

## 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

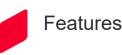


Note: This datasheet may be out of date. Please download the latest datasheet of CDBKB455KCAY35-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CDBKB455KCAY35-R0

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
-R0	180mm Embossed Tape	500



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)

1 of 3

### 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

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





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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.)	2.5%		
Area of Distortion	2.5%max.(at fn)		
Recovered Audio Output	100mV±40		
IC	TK10930		
IC Maker	ТОКО		
Mass	300mg		

2 of 3

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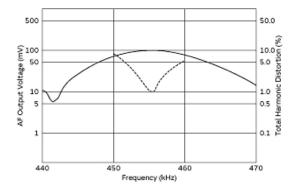
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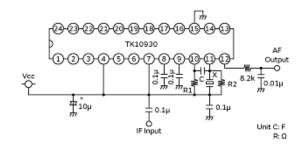
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Part Number (X)	С	R1	R2
CDBKB455KCAY35-R0	33pF	2.0kΩ	1.0kΩ

**Frequency Characteristics** 

**Measurement Circuit** 

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3 of 3