

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CDBLB455KCLY13-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CDBLB455KCLY13-B0

# CDBLB455KCLY13-B0









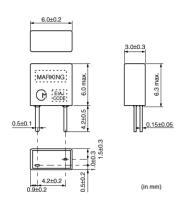
# **Applications**

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
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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### 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	Lead
Center Frequency	455.0kHz
Nominal Center Value	Yes
Recovered Audio 3dB BW	fn±15.0kHzmin.
Distortion(max.)	1.5%
Area of Distortion	1.5%max.(at fn)
Distortion(max.)(2)	5%
Area of Distortion(2)	[within fn ±8kHz]
Recovered Audio Output	110mV±30
IC	CXA1003BM
IC Maker	SONY
Mass	204mg

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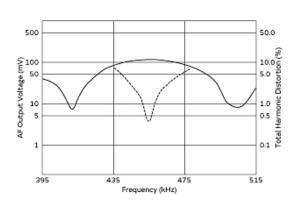
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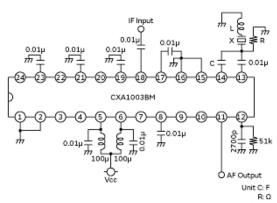
# CDBLB455KCLY13-B0



# **Product Data**



Frequency Characteristics



Part Number (X)	С	R	L
CDBLB455KCAY13A-B0	82pF	1.2kΩ	-
CDBKB455KCAY13-R0	82pF	1.0kΩ	-
CDBLB455KCLY13-B0	DBLB455KCLY13-B0 82pF		220uH
CDBKB455KCLY13-R0	ozpr	50052	220µH

Measurement Circuit

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