muRata INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of RDER71H103K0K1H03B from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=RDER71H103K0K1H03B

RDER71H103K0K1H03B

In Production | General | RoHS | REACH | 125 ℃ max. | Low acoustic noise | Deflecting crack | Soldering crack | Flow OK | Welding

Appearance & Shape

- L max.
- T max.
- W max.
- W1 max.
- 25.0 min.
- ød : 0.5±0.05
- F±0.8

* Coating extension does not exceed the end of the lead bend.
· Lead Wire : Solder Coated Copper Wire or Solder Coated CP Wire

(in mm)

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500

Mass (typ.)	
1 piece	0.1g

Notices

Meet LF(Lead Free)[※LF : Lead content is less than 1000 ppm.], HF(Halogen Free)

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Specifications

L size or Outer diameter D	4.0mm max.
Width	3.5mm max.
T size	2.5mm max.
Lead spacing F	5.0±0.8mm
Lead diameter d	0.5±0.05mm
Capacitance	10000pF ±10%
Rated voltage	50Vdc
Temperature characteristics	X7R(EIA)
Capacitance change rate	±15%
Temperature range of temperature characteristics	-55℃ to 125℃
Operating Temperature Range	-55℃ to 125℃
W1 size	6.0mm max.

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.

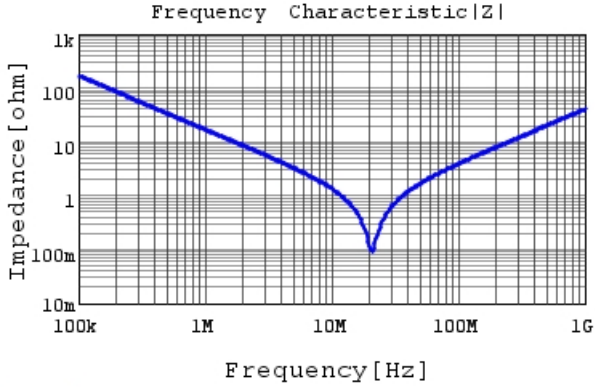2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Characteristic Data

The charts below may show another part number which shares its characteristics.

Frequency Characteristic|Z|
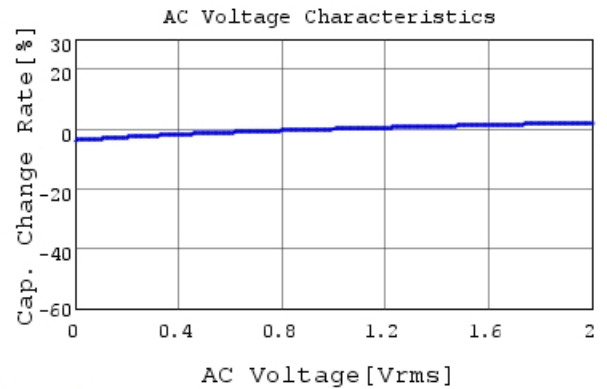
RDER71H103K0K1H03B |Z| DC0V,25degC

Frequency CharacteristicR

RDER71H103K0K1H03B R DC0V,25degC

DC bias characteristics
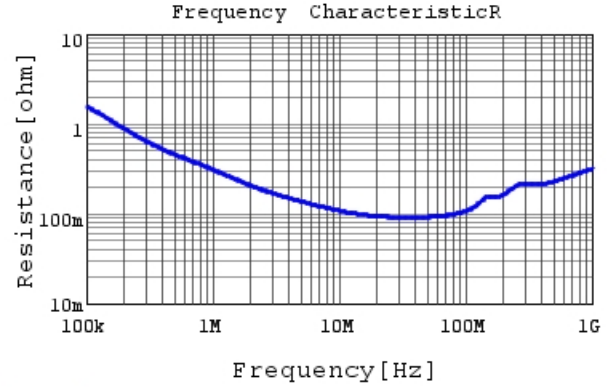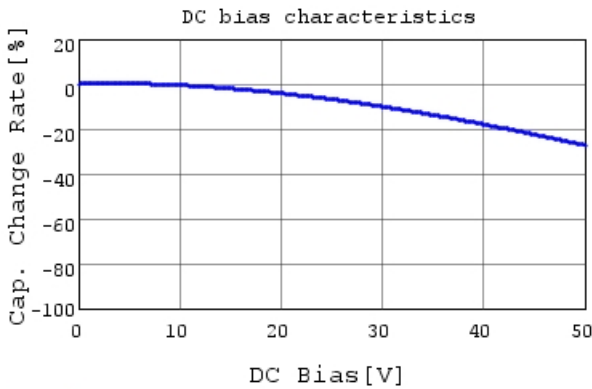
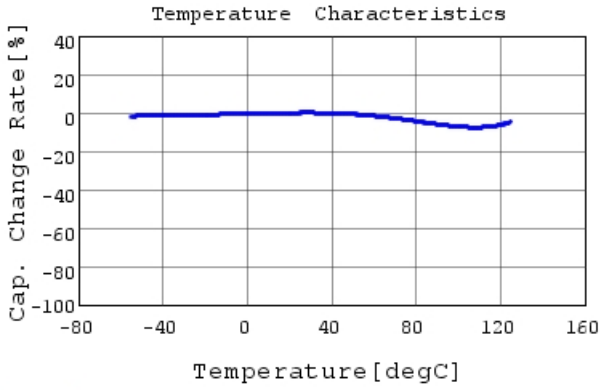RDER71H103K0K1H03B C-DC bias capchange, 25.0

AC Voltage Characteristics
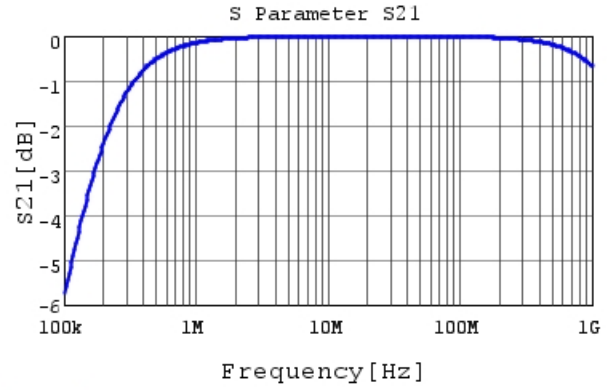
RDER71H103K0K1H03B C-AC Voltage capchange, I

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RDER71H103K0K1H03B

Temperature Characteristics

RDER71H103K0K1H03B C-Temp. capchange, DC0.0V

S Parameter S21

RDER71H103K0K1H03B S21 DC0V,25degC

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