ECASD41A107M040KA0

In Production | Recommended | General | RoHS | REACH | 105 °C max. | Effective Cap | Low acoustic noise | Deflecting crack | Reflow OK

Appearance & Shape

References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	3000

Mass (typ.)	
1 piece	0.13g

muRata
INNOVATOR IN ELECTRONICS

ECASD41A107M040KA0

Specifications

Length	7.3±0.3mm
Width	4.3±0.2mm
Thickness	1.9±0.1mm
Allowable Ripple Current	1.6Arms
Capacitance	100µF ±20%
ESR	40mΩ
Leakage Current	300.0µA
Maximum operating temperature	105℃
Operating Temperature Range	-40℃ to 105℃
Rated Voltage	10Vdc
Size code in inch (mm)	2917(7343)
S size	1.3±0.2mm
Capacitance change rate	±20%
W1 size	2.4±0.2mm

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.
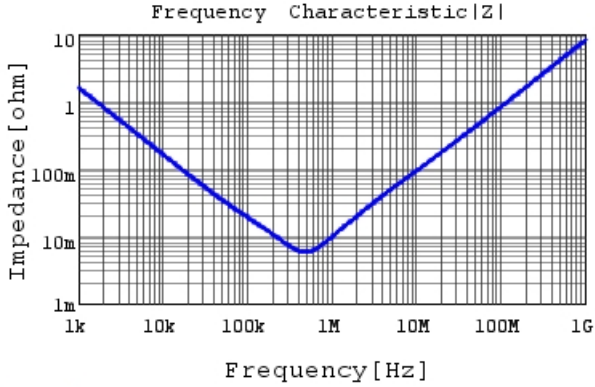
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

muRata
INNOVATOR IN ELECTRONICS

URL : https://www.murata.com/

Last updated09/29/2022

muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of ECASD41A107M040KA0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=ECASD41A107M040KA0

ECASD41A107M040KA0

Characteristic Data

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

Frequency Characteristic|Z|

ECASD41A107M040KA0 |Z| DC0V,25degC

Frequency CharacteristicR

ECASD41A107M040KA0 R DC0V,25degC

DC bias characteristics
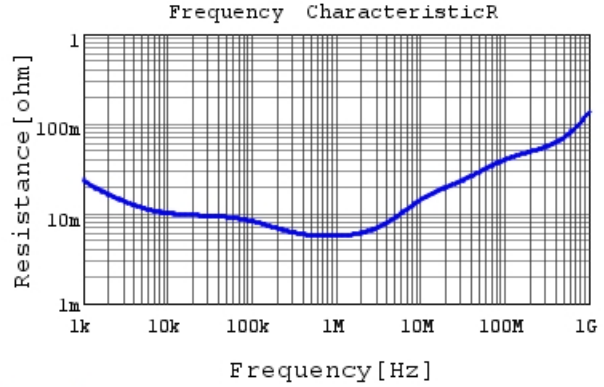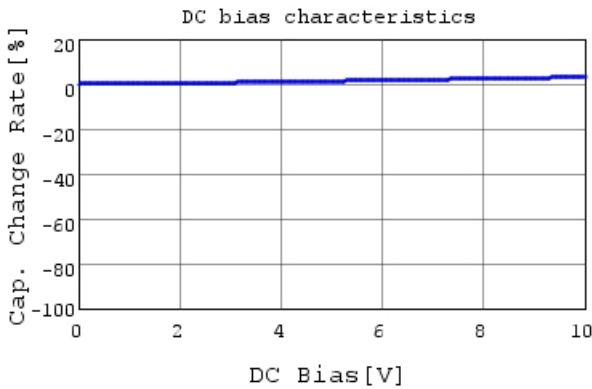
ECASD41A107M040KA0 C-DC bias capchange, 25.0

AC Voltage Characteristics
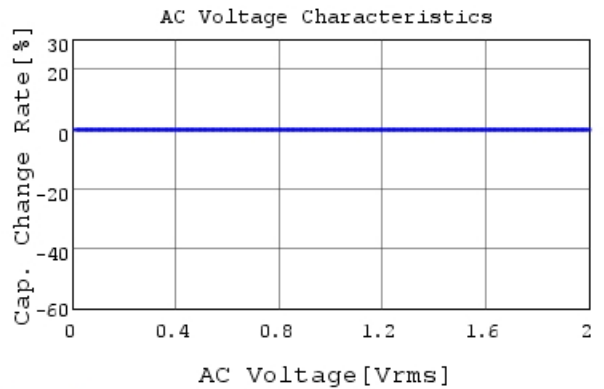
ECASD41A107M040KA0 C-AC Voltage capchange, I

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.
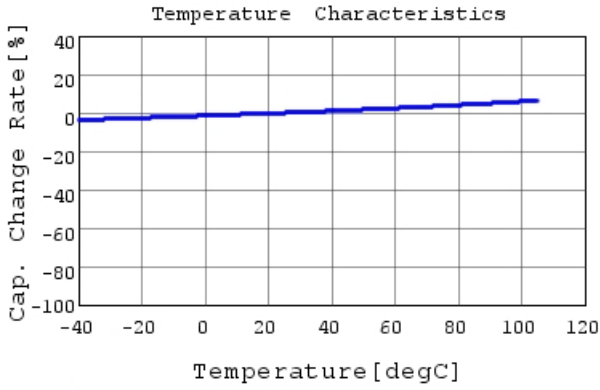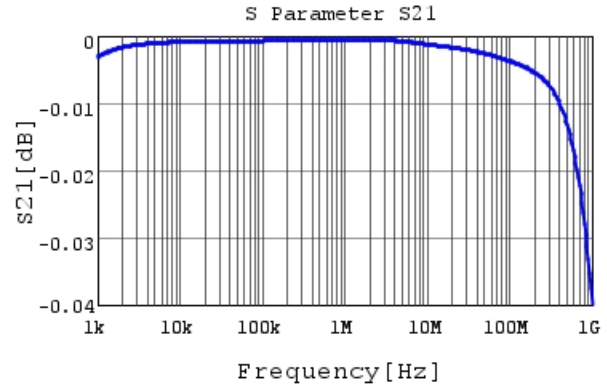
Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of ECASD41A107M040KA0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=ECASD41A107M040KA0

ECASD41A107M040KA0

Temperature Characteristics

ECASD41A107M040KA0 C-Temp. capchange, DCOV,

S Parameter S21

ECASD41A107M040KA0 S21 DCOV,25degC

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.

URL : https://www.murata.com/

Last updated09/29/2022