![muRata INNOVATOR IN ELECTRONICS] Product Search Data Sheet

ECASD40J476M025K00

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

Appearance & Shape

Polarity Indicator Bar (+)

L W T S S W1

References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	3000

Mass (typ.)	
1 piece	0.13g

![muRata INNOVATOR IN ELECTRONICS] URL : https://www.murata.com/

Last updated01/20/2021

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of ECASD40J476M025K00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=ECASD40J476M025K00

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ECASD40J476M025K00

Specifications

Length	7.3±0.3mm
Width	4.3±0.2mm
Thickness	1.9±0.1mm
Allowable Ripple Current	1.8Arms
Capacitance	47µF ±20%
ESR	25mΩ
Leakage Current	29.7µA
Maximum operating temperature	105℃
Operating Temperature Range	-40℃ to 105℃
Rated Voltage	6.3Vdc
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.
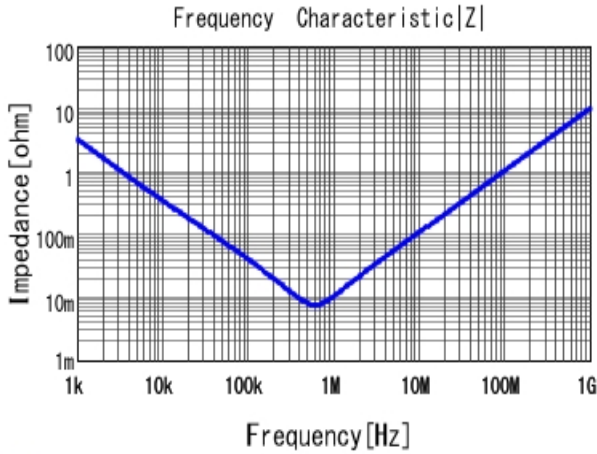
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Characteristic Data

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

Frequency Characteristic|Z|
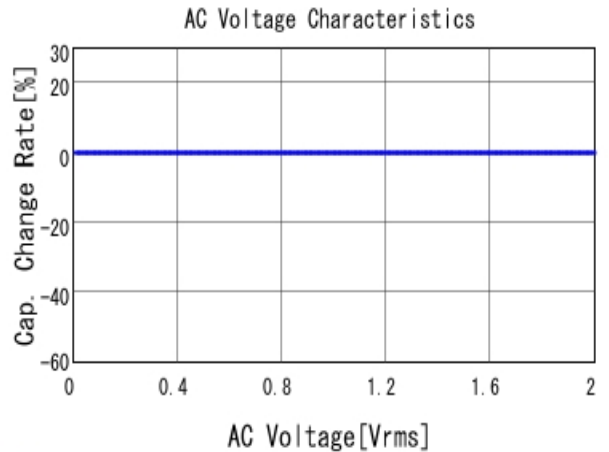
■ECASD40J476M025K00 |Z| DC0V, 25degC

Frequency CharacteristicR

■ECASD40J476M025K00 R DC0V, 25degC

DC bias characteristics
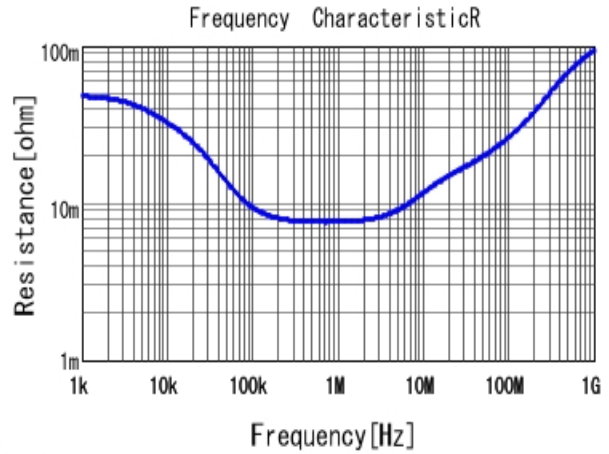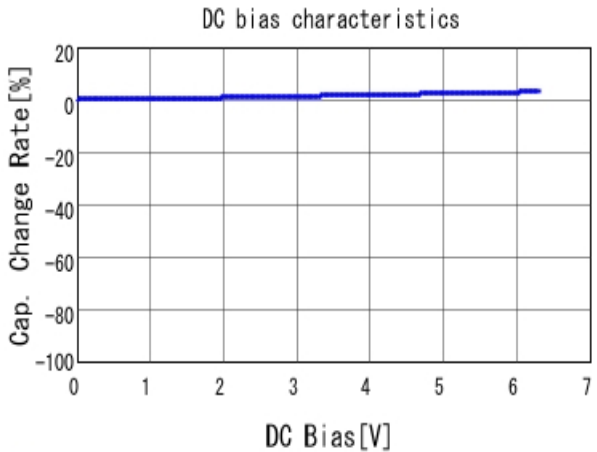
■ECASD40J476M025K00 C-DC bias capchange, 25.0degC, AC1
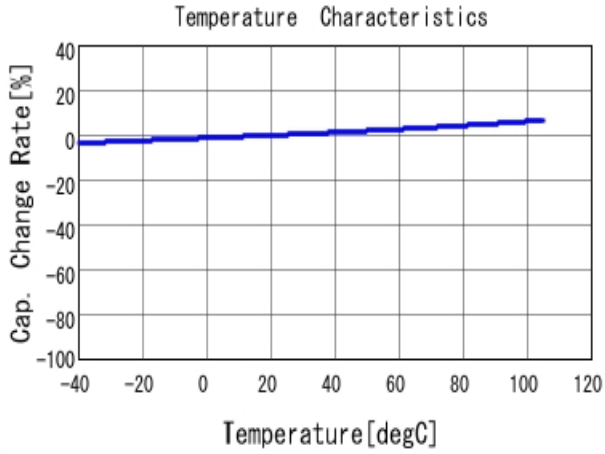

AC Voltage Characteristics

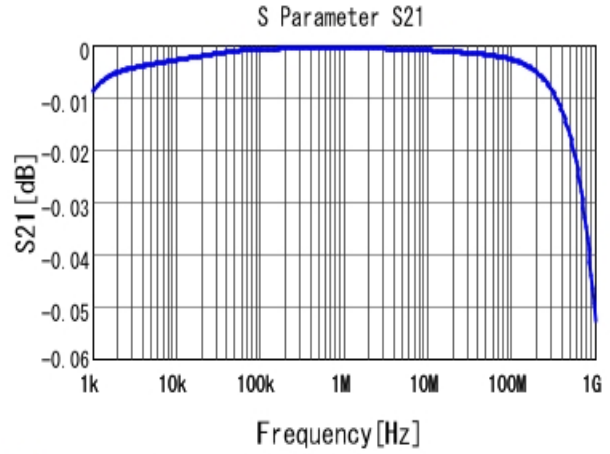■ECASD40J476M025K00 C-AC Voltage capchange, DC0V, 25.0

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Temperature Characteristics

ECASD40J476M025K00 C-Temp. capchange, DC0V, AC1Vrms

S Parameter S21

ECASD40J476M025K00 S21 DC0V, 25degC

Attention