

# ECASD60E477M006K00



## Applications

|                          |  |
|--------------------------|--|
| Unsuitable Applications  | Please be sure to read and comply with these "Precautions for use."  |
| Specific Applications    | Mobile Electronics, Consumer equipment, Industrial Equipment, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive infotainment/comfort equipment<br>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. |
| Recommended Applications | Notebook PC, PC [Personal Computer], Server, Storage, Base Station, Television, TV Game / Video Game, Processor [ASIC / FPGA / xPU], Copier, POS [Point Of Sales], IoT Equipment, Robotic control, PoE [Power over Ethernet]   |

## Notices

Please use replacement product.

## References

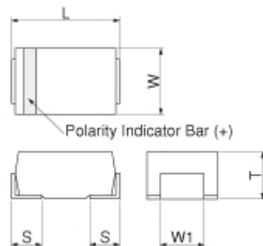
| Packaging | Specifications    | Standard Packing Quantity |
|-----------|-------------------|---------------------------|
| K         | 330 Embossed Tape | 2500                      |

| Mass (typ.) |      |
|-------------|------|
| 1 piece     | 0.2g |

## Appearance & Shape



※Body marking is an example.



**Attention**  
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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

|                               |                |
|-------------------------------|----------------|
| Length                        | 7.3±0.3mm      |
| Width                         | 4.3±0.2mm      |
| Thickness                     | 2.8±0.3mm      |
| Allowable Ripple Current      | 5.7Arms        |
| Capacitance                   | 470µF ±20%     |
| ESR                           | 6mΩ            |
| Leakage Current               | 117.5µA        |
| Maximum operating temperature | 105°C          |
| Operating Temperature Range   | -40°C to 105°C |
| Rated Voltage                 | 2.5Vdc         |
| Size code in inch (mm)        | 2917(7343)     |
| S size                        | 1.3±0.2mm      |
| W1 size                       | 2.4±0.2mm      |

### Attention

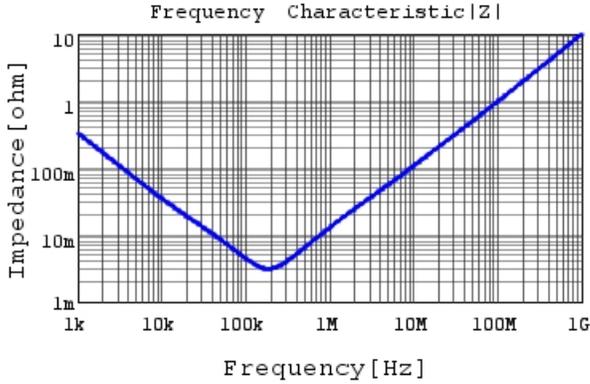
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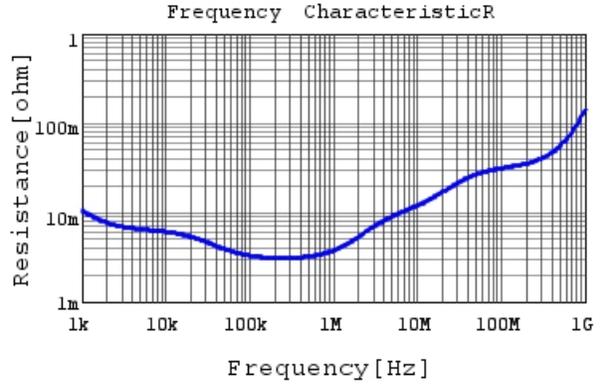


## Characteristic Data

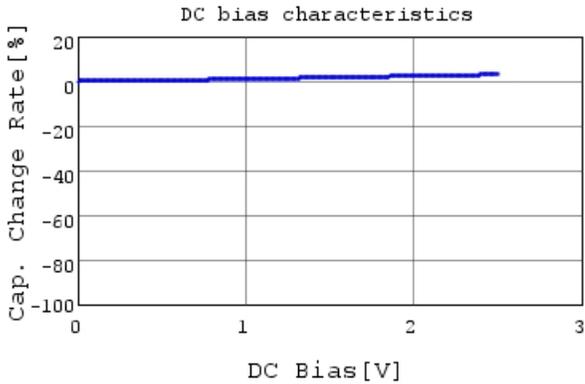
The charts below may show another part number which shares its characteristics.



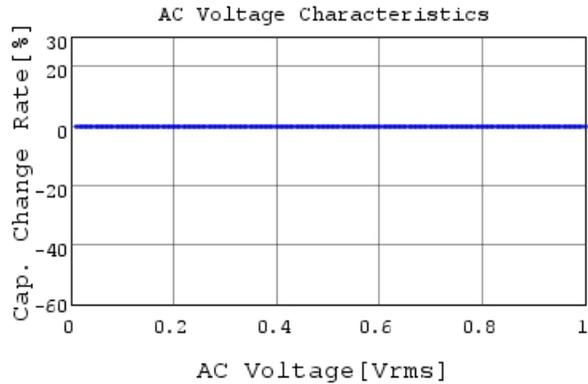
ECASD60E477M006K00 |Z| DCOV, 25degC



ECASD60E477M006K00 R DCOV, 25degC



ECASD60E477M006K00 C-DC bias capchange, 25.0

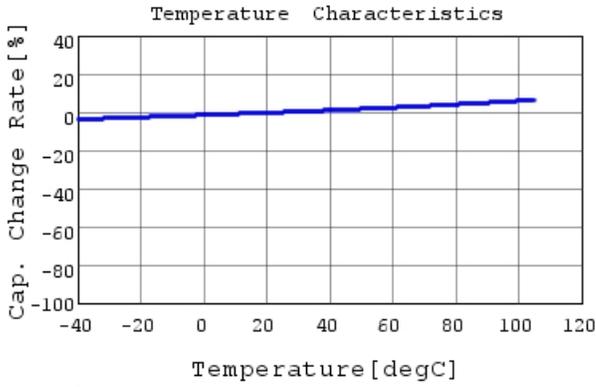


ECASD60E477M006K00 C-AC Voltage capchange, I

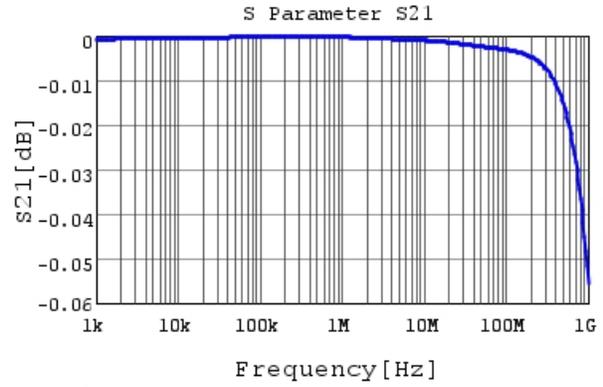
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# ECASD60E477M006K00



ECASD60E477M006K00 C-Temp. capchange, DC0V,



ECASD60E477M006K00 S21 DC0V, 25degC

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