

# KCA55W7UMF103ML01L

“#” at the end indicates the package specification code.



## < List of part numbers with package codes >

KCA55W7UMF103ML01L      KCA55W7UMF103ML01K

## Applications

|                         |  |
|-------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."  |
| Specific Applications   | Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant 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. |

## Notices

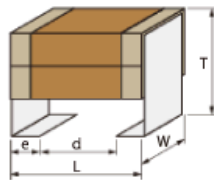
X1/Y2 Class Certified Products. Rated Voltage  
X1:250Vac(r.m.s.)/1000Vdc Y2:250Vac(r.m.s.)/1000Vdc

## References

| Packaging | Specifications   | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| L         | 180Embossed Tape | 200                       |
| K         | 330Embossed Tape | 500                       |

## Appearance & Shape

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 0.73g |



**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

|  |  |
|--|--|
| Length   | 6.1±0.4mm  |
| Width  | 5.1±0.3mm  |
| Thickness  | 6.4±0.3mm  |
| Capacitance                                      | 10000pF ±20%   |
| Distance between metal terminal d                | 4.0mm(min.)  |
| Metal terminal width e                           | 0.9±0.2mm  |
| Operating Temperature Range                      | -55°C to 125°C   |
| Rated Voltage                                    | 250Vac(r.m.s.)   |
| TC   | -55 to 25°C: -750+120/-347ppm/°C 25 to 125°C: -750±120ppm/°C |
| Temperature characteristics (complied standard)  | U2J(EIA)   |
| Temperature range of temperature characteristics | -55°C to 125°C   |

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