

# KCA55L7UMF152KL01#

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



## < List of part numbers with package codes >

KCA55L7UMF152KL01L      KCA55L7UMF152KL01K

## 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. |

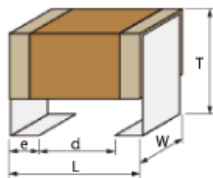
## Notices

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         | 180 Embossed Tape | 400                       |
| K         | 330 Embossed Tape | 2000                      |

## Appearance & Shape



| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 0.26g |

### Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.

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## Specifications

|                                                  |                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------|
| Length                                           | 6.1±0.4mm                                                       |
| Width                                            | 5.1±0.3mm                                                       |
| Thickness                                        | 2.8±0.2mm                                                       |
| Capacitance                                      | 1500pF ±10%                                                     |
| 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                                               | 25 to 125°C: -750±120ppm/°C<br>-55 to 25°C: -750+120/-347ppm/°C |
| Temperature characteristics (complied standard)  | U2J(EIA)                                                        |
| Temperature range of temperature characteristics | -55°C to 125°C                                                  |

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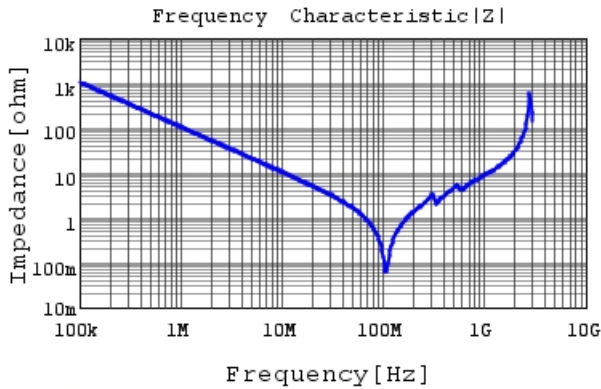
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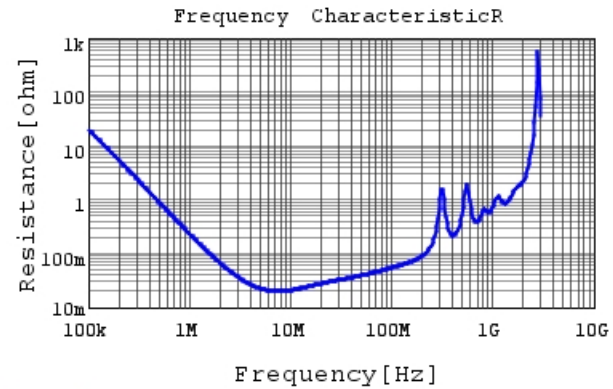


## Characteristic Data

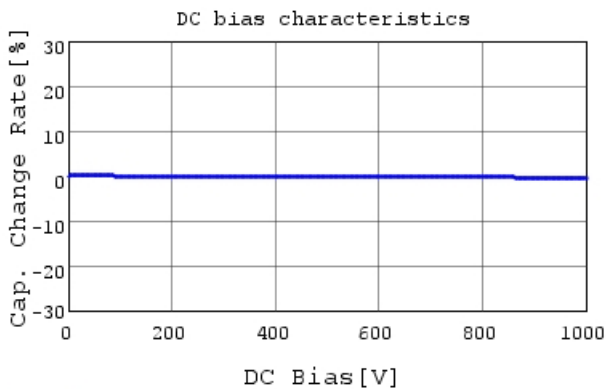
The charts below may show another part number which shares its characteristics.



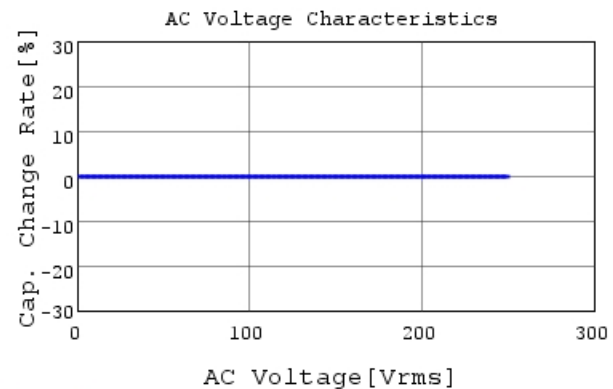
KCA55L7UMF152KL01 |Z| DCOV, 25degC



KCA55L7UMF152KL01 R DCOV, 25degC



KCA55L7UMF152KL01 C-DC bias capchange, 25.0c



KCA55L7UMF152KL01 C-AC Voltage capchange, Dc

### Attention

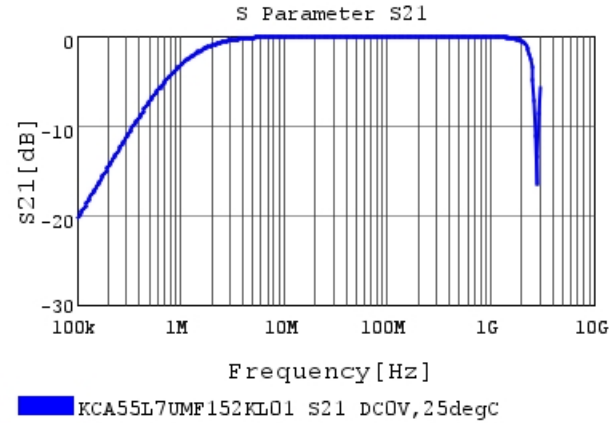
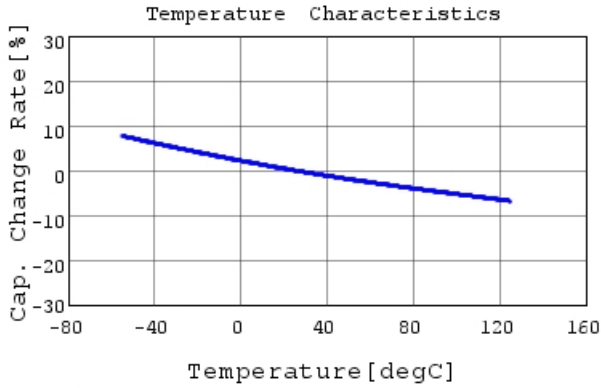
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