

# KCA55T7UMF682ML01#

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



## < List of part numbers with package codes >

KCA55T7UMF682ML01L      KCA55T7UMF682ML01K

## 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 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.

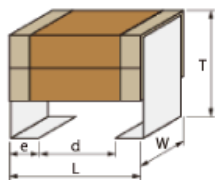
## Notices

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	400
K	330Embossed Tape	1000

## Appearance & Shape



Mass (typ.)	
1 piece	0.5g

### Attention

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## Specifications

Length	6.1±0.4mm
Width	5.1±0.3mm
Thickness	4.8±0.2mm
Capacitance	6800pF ±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	25 to 125°C: -750±120ppm/°C -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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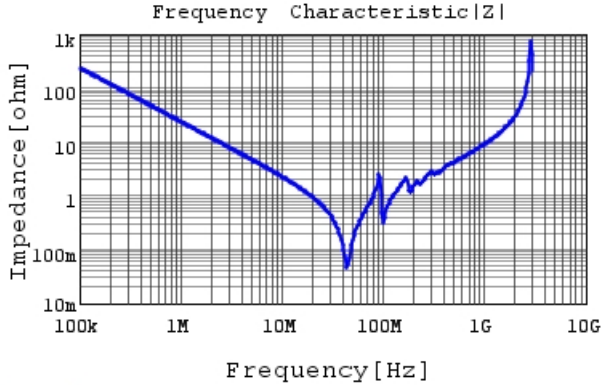
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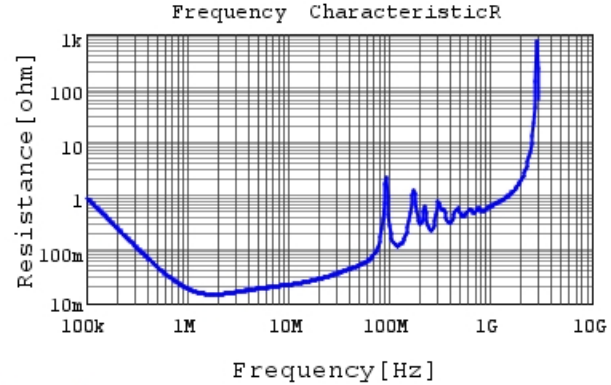


## Characteristic Data

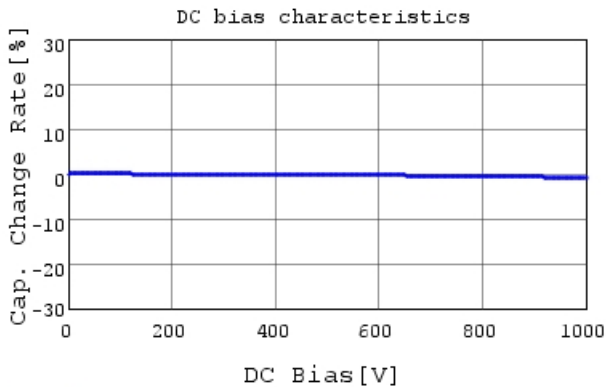
The charts below may show another part number which shares its characteristics.



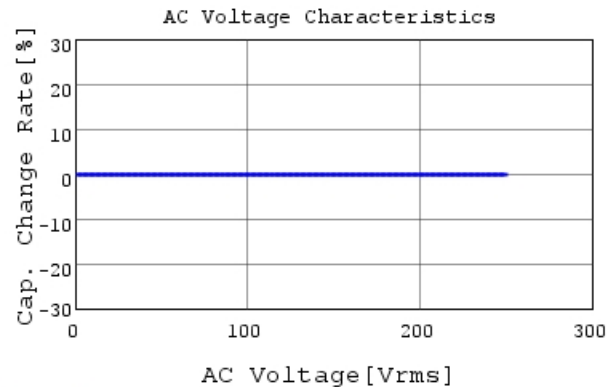
KCA55T7UMF682ML01 |Z| DCOV, 25degC



KCA55T7UMF682ML01 R DCOV, 25degC



KCA55T7UMF682ML01 C-DC bias capchange, 25.0c



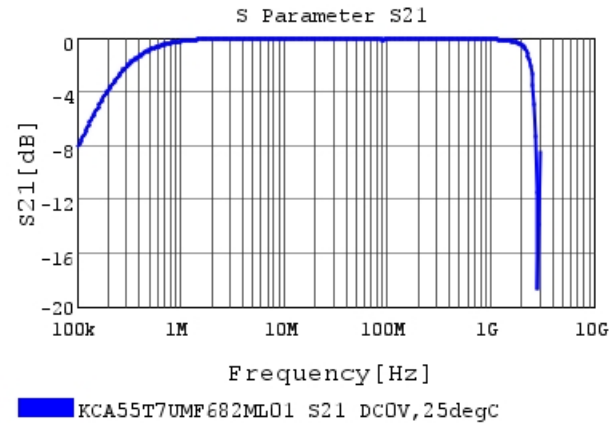
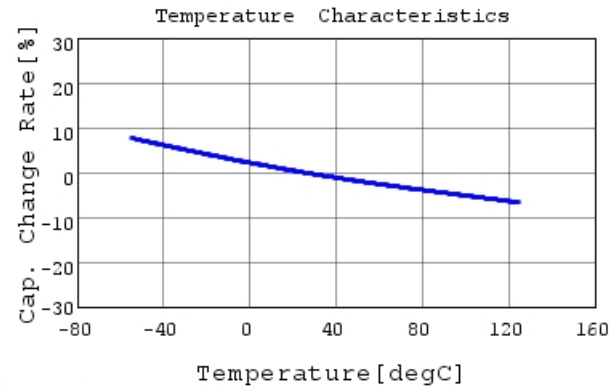
KCA55T7UMF682ML01 C-AC Voltage capchange, Dc

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