

# KCM55QR72A685KH01#

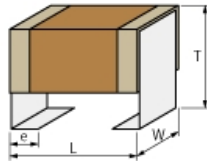
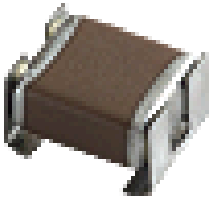
“#” indicates a package specification code.



< List of part numbers with package codes >

KCM55QR72A685KH01L      KCM55QR72A685KH01K

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	400
K	330Embossed Tape	1000

Mass (typ.)	
1 piece	0.46g

### 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	5.3±0.2mm
Thickness	3.7±0.2mm
Capacitance	6.8μF ±10%
Metal terminal width e	1.2±0.2mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	100Vdc
Capacitance change rate	±15%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

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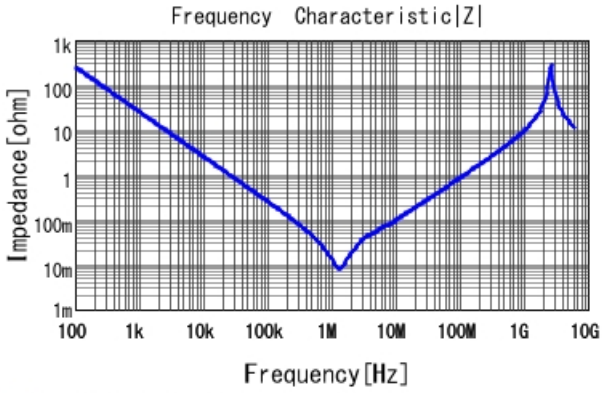
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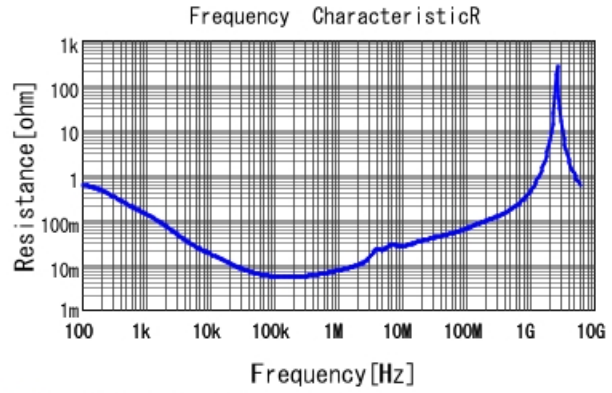


## Characteristic Data

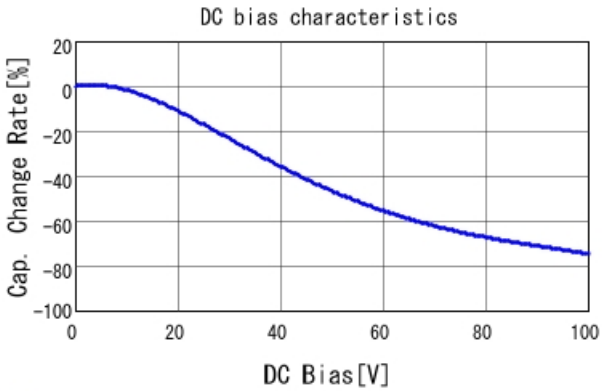
The charts below may show another part number which shares its characteristics.



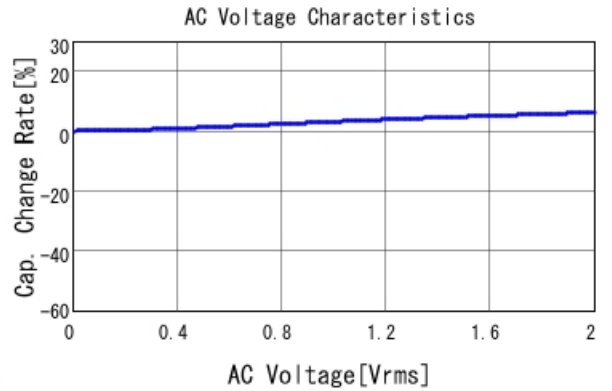
■ KCM55QR72A685KH01 |Z| DCOV, 25degC



■ KCM55QR72A685KH01 R DCOV, 25degC



■ KCM55QR72A685KH01 C-DC bias capchange, 25.0degC, AC1V



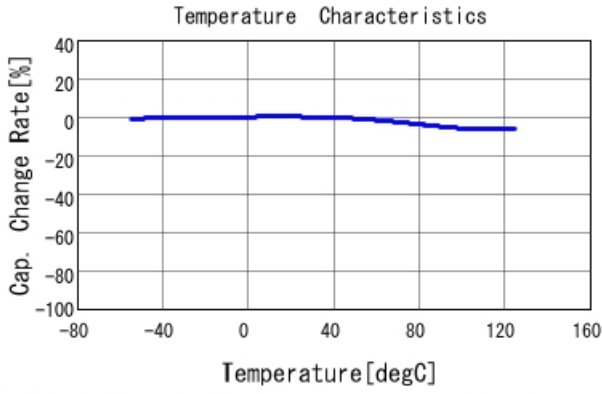
■ KCM55QR72A685KH01 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

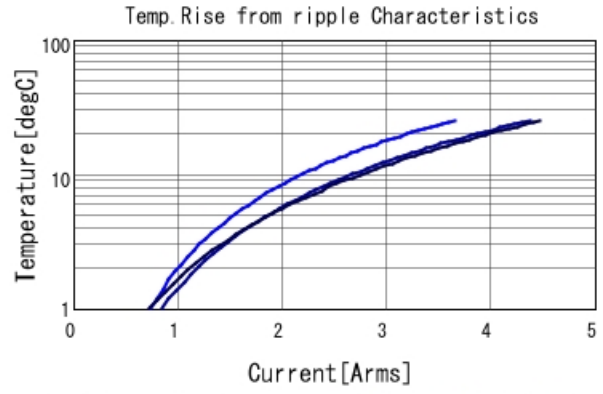
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■ KCM55QR72A685KH01 C-Temp. capchange, DCOV, AC1Vrms



KCM55QR72A685KH01 Temp. rise ■ 50kHz ■ 100kHz ■ 300kHz

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