

# GC355XD72E105KX05#

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



< List of part numbers with package codes >  
GC355XD72E105KX05L

## 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, 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

Large Capacitance and High Allowable Ripple Current

## References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	500

Mass (typ.)	
1 piece	420.0mg

## Appearance & Shape



**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	5.7±0.4mm
Width	5.0±0.4mm
Thickness	2.7+0/-0.3mm
Capacitance	1.0μF ±10%
Distance between external terminals g	3.0mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55°C to 125°C
Rated Voltage	250Vdc
Size code in inch(mm)	2220 (5750M)
Capacitance change rate	+22.0/-33.0%
Temperature characteristics (complied standard)	X7T(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

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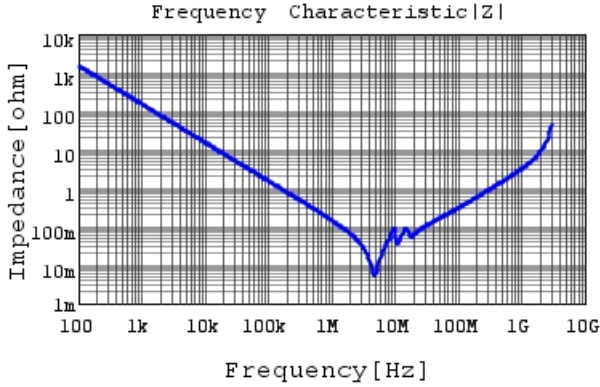
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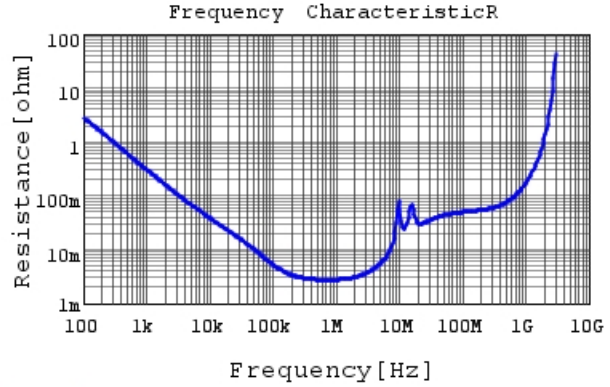


## Characteristic Data

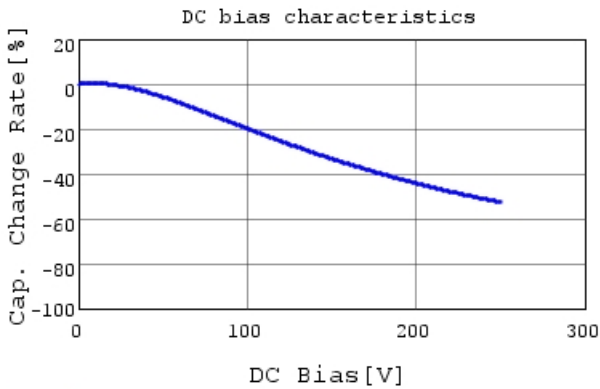
The charts below may show another part number which shares its characteristics.



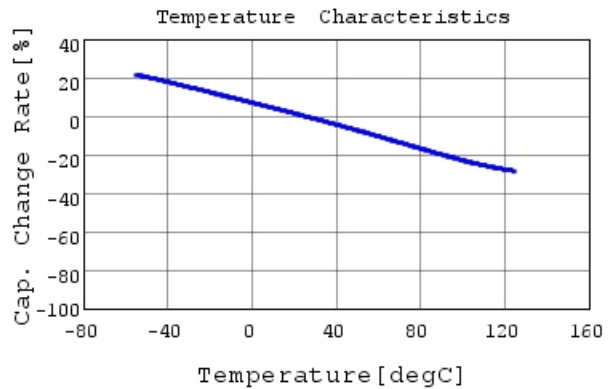
GC355XD72E105KX05 |Z| DC0V, 25degC



GC355XD72E105KX05 R DC0V, 25degC



GC355XD72E105KX05 C-DC bias capchange, 25.0c



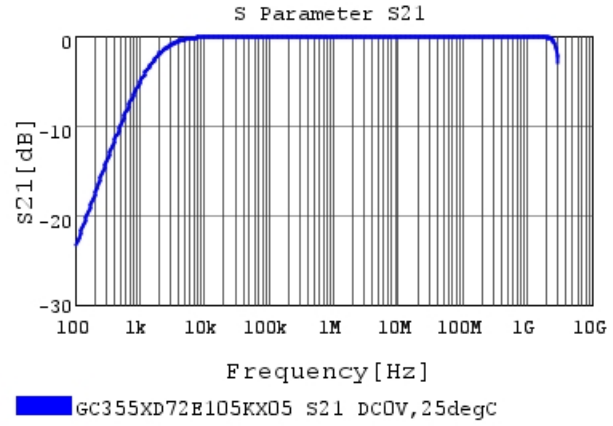
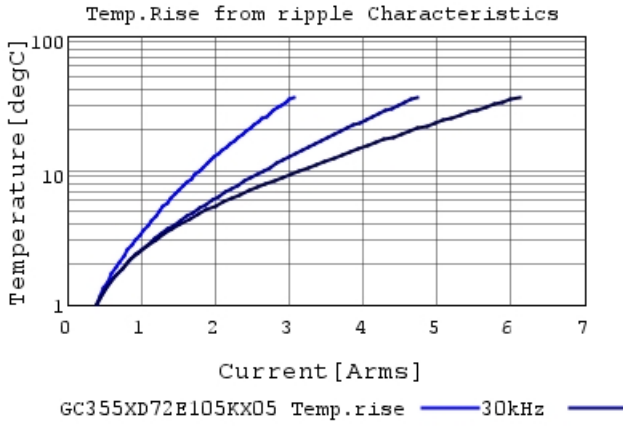
GC355XD72E105KX05 C-Temp. capchange, DC0V, 1

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