

# GCM033D70E105ME36#

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



## < List of part numbers with package codes >

GCM033D70E105ME36D  
GCM033D70E105ME36V

GCM033D70E105ME36W

GCM033D70E105ME36J

## 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 [GHF 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.

## References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	15000
W	φ180mm Reel W8P1 Paper Tape	30000
J	φ330mm Reel Paper Tape	50000
V	φ330mm Reel W8P1 Paper Tape	100000

Mass (typ.)	
1 piece	0.33mg

## Appearance & Shape



### 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	0.6±0.09mm
Width	0.3±0.09mm
Thickness	0.3±0.09mm
Capacitance	1.0μF ±20%
Distance between external terminals g	0.2mm min.
External terminal size e	0.1 to 0.25mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	2.5Vdc
Size code in inch(mm)	0201 (0603M)
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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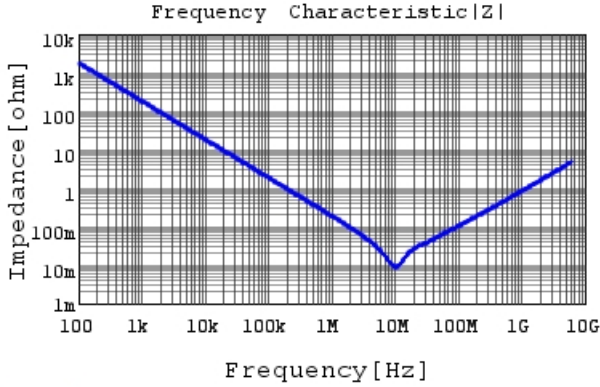
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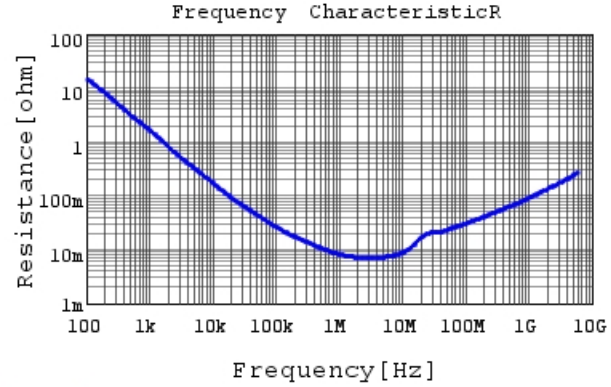


## Characteristic Data

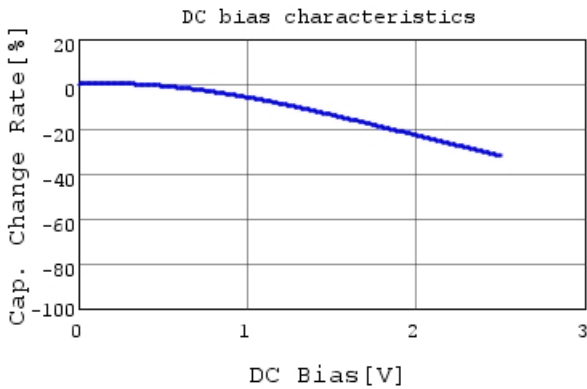
The charts below may show another part number which shares its characteristics.



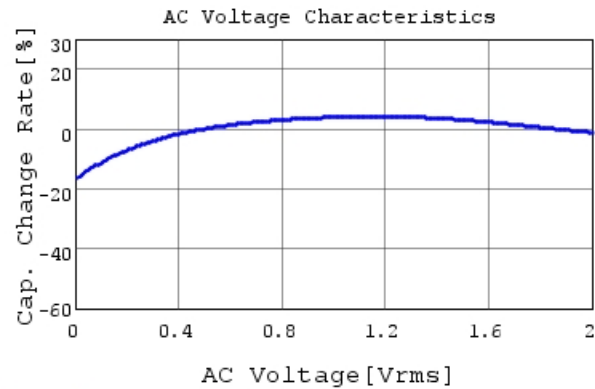
GCM033D70E105ME36 |Z| DCOV,25degC



GCM033D70E105ME36 R DCOV,25degC



GCM033D70E105ME36 C-DC bias capchange, 25.0C



GCM033D70E105ME36 C-AC Voltage capchange, Dc

### Attention

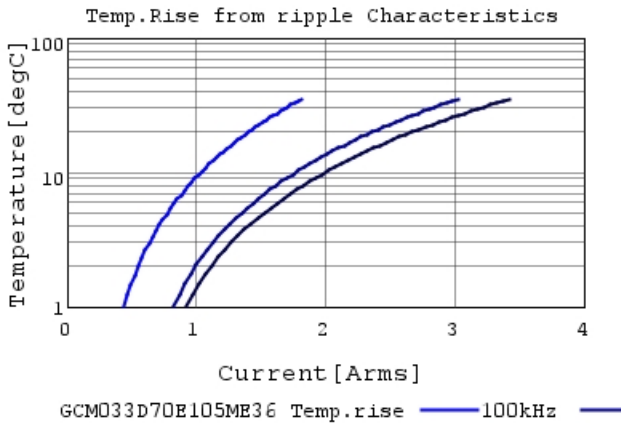
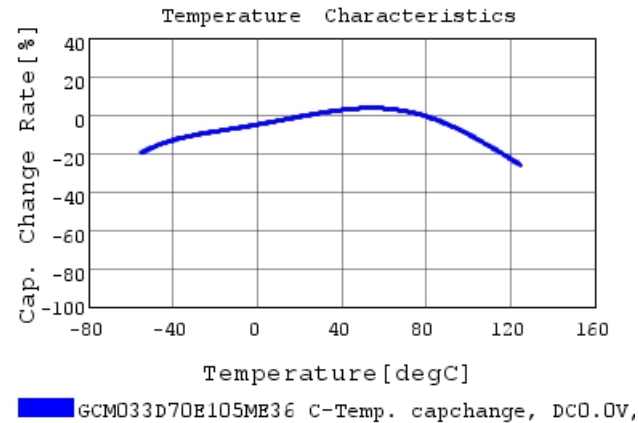
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