

GRM022D70E474ME01#

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



< List of part numbers with package codes >
GRM022D70E474ME01L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive infotainment/comfort 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.

Appearance & Shape



Notices

Derating1

References

Packaging	Specifications	Standard Packing Quantity
L	180 Embossed Tape	40000

Mass (typ.)	
1 piece	0.09mg

Attention

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Specifications

Length	0.4±0.05mm
Width	0.2±0.05mm
Thickness	0.2±0.05mm
Capacitance	0.47µF ±20%
Distance between external terminals g	0.13mm min.
External terminal size e	0.07 to 0.155mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	2.5Vdc
Size code in inch(mm)	01005 (0402M)
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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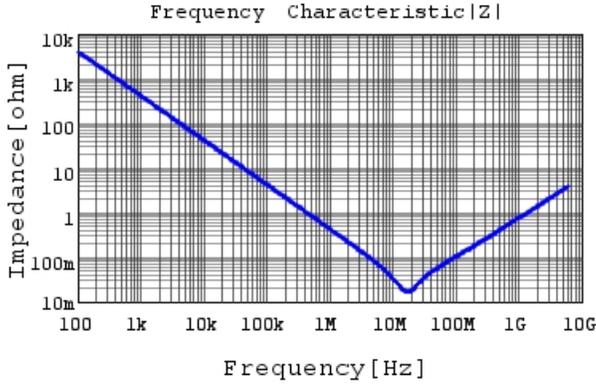
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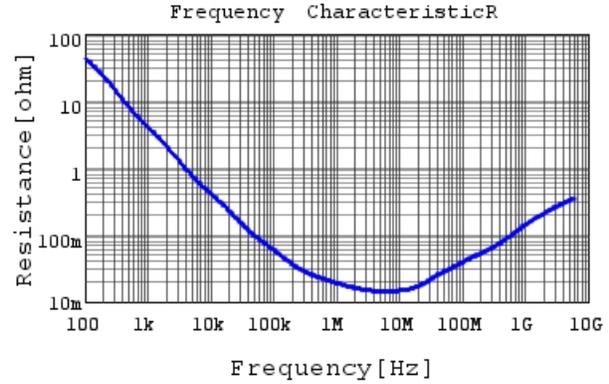


Characteristic Data

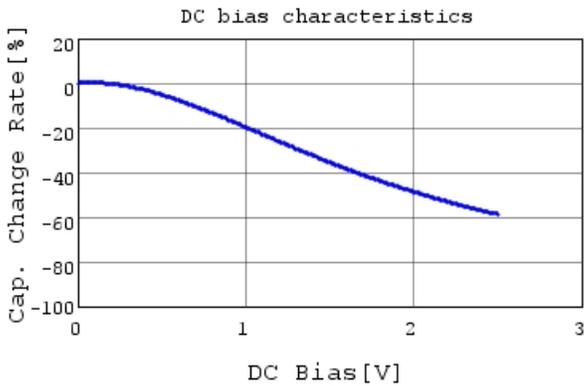
The charts below may show another part number which shares its characteristics.



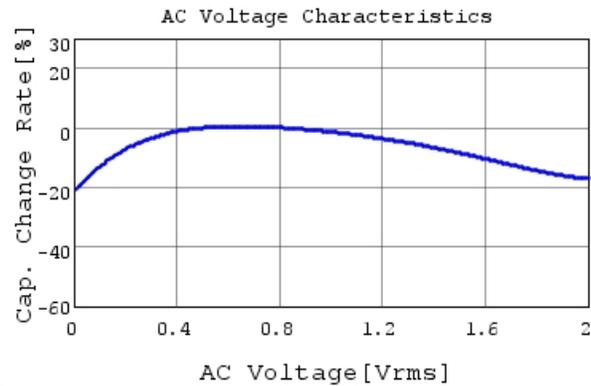
GRM022D70E474ME01 |Z| DCOV, 25degC



GRM022D70E474ME01 R DCOV, 25degC



GRM022D70E474ME01 C-DC bias capchange, 25.0c



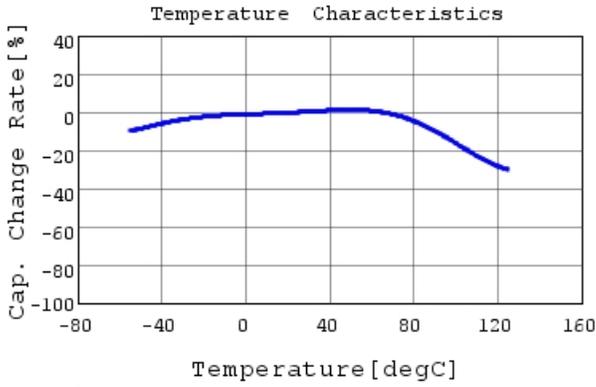
GRM022D70E474ME01 C-AC Voltage capchange, DC

Attention

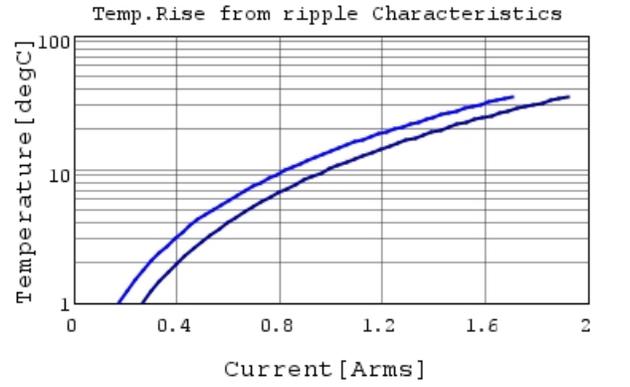
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GRM022D70E474ME01 C-Temp. capchange, DC0.0V,



GRM022D70E474ME01 Temp.rise — 500kHz

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