

# GRM155C81E225ME11#

“#” indicates a package specification code.

In Production
General
RoHS
REACH
105 °C max.
Reflow OK
Derating 1
For only mobile devices

< List of part numbers with package codes >

GRM155C81E225ME11D      GRM155C81E225ME11J

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	40000

Mass (typ.)	
1 piece	1.6mg
φ180mm Reel	149g

## Notices

Derating1. Only for mobile devices

### Attention

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## Specifications

Length	1.0±0.2mm
Width	0.5±0.2mm
Thickness	0.5±0.2mm
Capacitance	2.2µF ±20%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55°C to 105°C
Rated Voltage	25Vdc
Size code in inch(mm)	0402 (1005M)
Capacitance change rate	±22.0%
Temperature characteristics (complied standard)	X6S(EIA)
Temperature range of temperature characteristics	-55°C to 105°C

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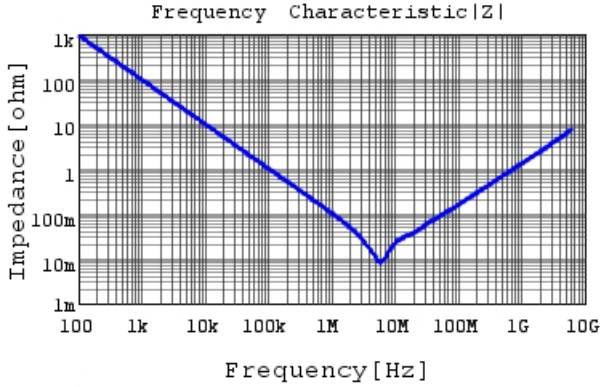
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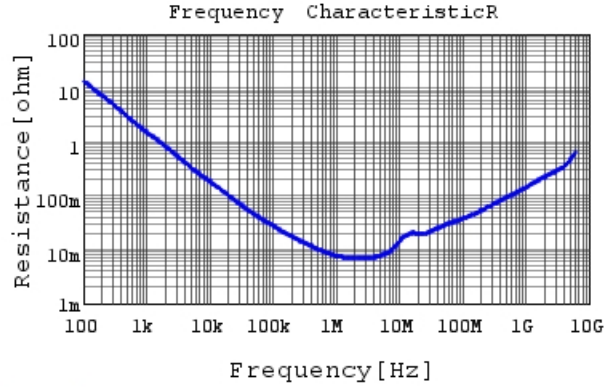


## Characteristic Data

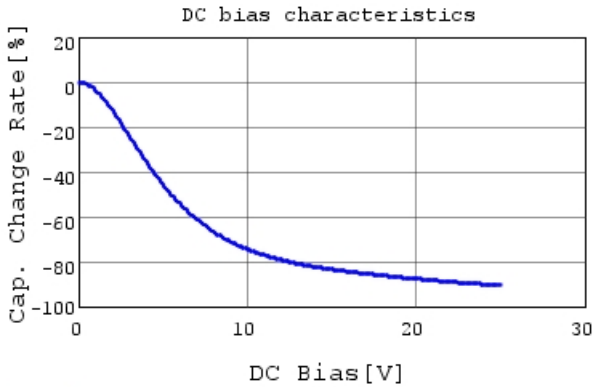
The charts below may show another part number which shares its characteristics.



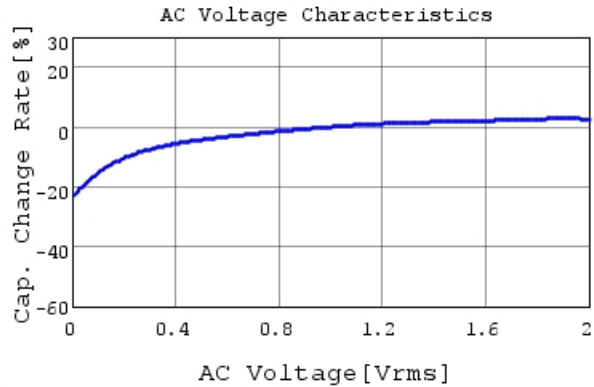
GRM155C81E225ME11 |Z| DCOV, 25degC



GRM155C81E225ME11 R DCOV, 25degC



GRM155C81E225ME11 C-DC bias capchange, 25.0c



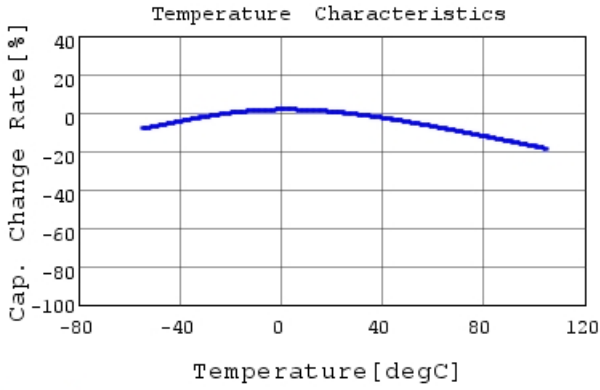
GRM155C81E225ME11 C-AC Voltage capchange, DC

**Attention**

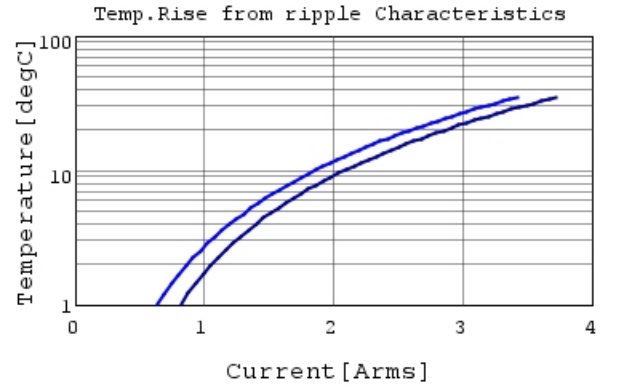
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GRM155C81E225ME11 C-Temp. capchange, DC0.0V,



GRM155C81E225ME11 Temp.rise — 500kHz

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