

#### Product Search Data Sneet

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Please download the latest datasheet of GRM153B31A105ME95# from the official website of Murata

"#"at the end indicates the package specification code.

http://www.murata.com/en/products/productdetail?partno=GRM153B31A105ME95%23

# GRM153B31A105ME95#











Derating 1

< List of part numbers with package codes > GRM153B31A105ME95D GRM153B31A105ME95J



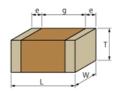
## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	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

	Specifications	Standard
Packaging		Packing
		Quantity
D	φ180mm Reel Paper Tape	10000
J	φ330mm Reel Paper Tape	50000

Mass (typ.)	
1 piece	1.0mg

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#### Attention

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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	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.3±0.03mm
Capacitance	1.0µF ±20%
Distance between external terminals g	0.3mm min.
External terminal size e	0.1 to 0.35mm
Operating Temperature Range	-25°C to 85°C
Rated Voltage	10Vdc
Size code in inch(mm)	0402 (1005M)
Capacitance change rate	±10.0%
Temperature characteristics (complied standard)	B(JIS)
Temperature range of temperature characteristics	-25°C to 85°C

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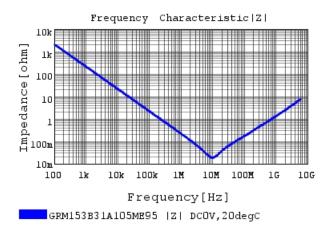
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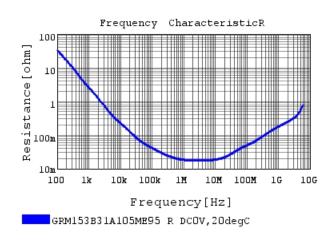
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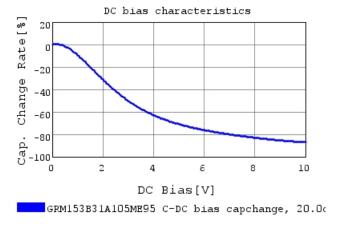


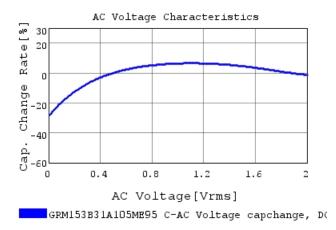
## Characteristic Data

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









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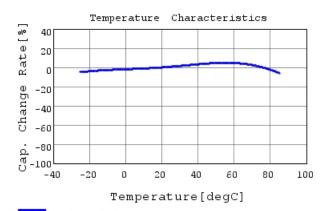
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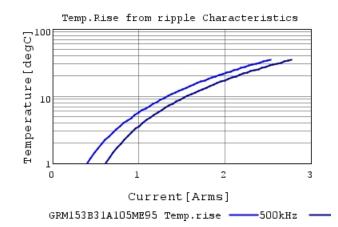
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GRM153B31A105ME95 C-Temp. capchange, DC0.0V,

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