

# GRT188C81E105KE13#

Note: This datasheet may be out of date.

Please download the latest datasheet of GRT188C81E105KE13# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=GRT188C81E105KE13%23

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

















< List of part numbers with package codes > GRT188C81E105KE13D GRT188C81E105KE13W GRT188C81E105KE13V

GRT188C81E105KE13J



### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Automotive infotainment/comfort	
	equipment,Industrial Equipment,Medical	
	equipment [GHTF A/B/C] except for	
	implant equipment	
	Please refer to Our Website and	
Specific	specifications, etc. for information about	
Applications	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**

#### Derating1



## Appearance & Shape







### References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	4000
W	φ180mm Reel W8P2 Paper Tape	8000
J	φ330mm Reel Paper Tape	10000
V	φ330mm Reel W8P2 Paper Tape	30000

Mass (typ.)	
1 piece	6.3mg

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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	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	1.0µF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 105°C
Rated Voltage	25Vdc
Size code in inch(mm)	0603 (1608M)
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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### Product Search Data Sheet

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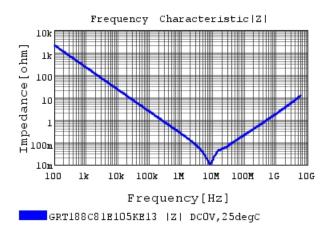
http://www.murata.com/en-gb/products/productdetail?partno=GRT188C81E105KE13%2

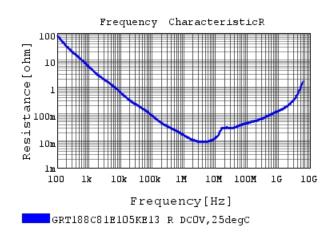
"#"at the end indicates the package specification code.

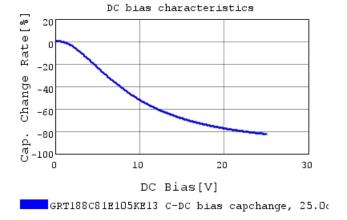


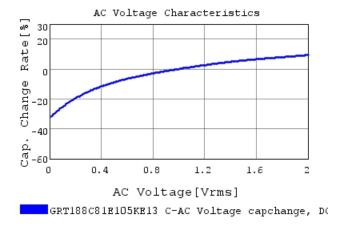
### Characteristic Data

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









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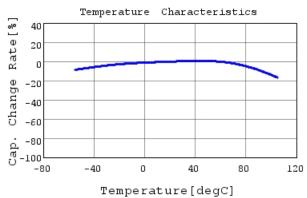
# GRT188C81E105KE13#

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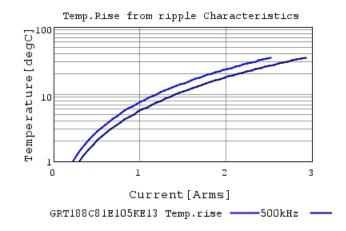
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GRT188C81E105KE13 C-Temp. capchange, DCO.OV,



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