

# GRM188F51E103ZA01#

" # " indicates a package specification code.

Available   Complies with RoHS

< List of part numbers with package codes >  
 GRM188F51E103ZA01D , GRM188F51E103ZA01J , GRM188F51E103ZA01C , GRM188F51E103ZA01B

## Shape



L size	1.6 ± 0.1mm
W size	0.8 ± 0.1mm
T size	0.8 ± 0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g (Min.)	0.5mm
Size code in mm(inch)	1608 (0603)

## References

Packaging	Specifications	Minimum quantity
D	Paper tape ( 180mm)	4000
J	Paper tape ( 330mm)	10000
C	Bulk case	15000
B	Packing in bulk	1000

Mass (typ.)	
1 piece	6.3mg
Reel ( 180mm)	144g

## Specifications

Capacitance	10000pF +80/-20%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	Y5V(EIA)
Capacitance change rate	+22/-82%
Temperature range of temperature characteristics	-30 to 85
Operating temperature range	-30 to 85

### Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it ' s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 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.