

# GRM188F51E104ZA01#

# indicates a package specification code.



Deadline for last orders: 31 Mar 2018      Date of discontinuation: 30 Sep 2018

< List of part numbers with package codes >  
 GRM188F51E104ZA01D , GRM188F51E104ZA01J

## 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	0.5mm min.
Size code in inch(mm)	0603 (1608M)

## Notes

Please use replacements or Recommended.

## References

Packaging	Specifications	Minimum quantity
D	φ180mm Paper taping	4000
J	φ330mm Paper taping	10000

Mass (typ.)	
1 piece	6.3mg
φ180mm Reel	144g

## Specifications

Capacitance	0.10μF +80/-20%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	Y5V(EIA)
Capacitance change rate	+22.0/-82.0%
Temperature range of temperature characteristics	-30 to 85°C
Operating temperature range	-30 to 85°C

### 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.