

# GRM188R71E184KA88#

" # " indicates a package specification code.

Available   Complies with RoHS

< List of part numbers with package codes >  
 GRM188R71E184KA88D , GRM188R71E184KA88J , GRM188R71E184KA88C , GRM188R71E184KA88B

## 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                                      | 0.18µF ± 10% |
| Rated voltage                                    | 25Vdc        |
| Temperature characteristics (complied standard)  | X7R(EIA)     |
| Capacitance change rate                          | ± 15%        |
| Temperature range of temperature characteristics | -55 to 125   |
| Operating temperature range                      | -55 to 125   |

### 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.