

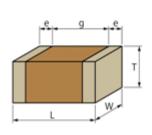
# GRM033R61A682KA01#

Recommended Reflow OK with RoHS compact

< List of part numbers with package codes >

GRM033R61A682KA01D , GRM033R61A682KA01W , GRM033R61A682KA01J

Shape





"#" indicates a package specification code.

| L size   | 0.6 ± 0.03mm |
|--|--------------|
| W size   | 0.3 ± 0.03mm |
| T size   | 0.3 ± 0.03mm |
| External terminal width e                        | 0.1 to 0.2mm |
| Distance between external terminals g            | 0.2mm min.   |
| Size code in mm(inch)                            | 0603 (0201)  |
| Specifications                                   |              |
| Capacitance                                      | 6800pF ±10%  |
| Rated voltage                                    | 10Vdc        |
| Temperature characteristics (complied standard)  | X5R(EIA)     |
| Capacitance change rate                          | ± 15.0%      |
| Temperature range of temperature characteristics | -55 to 85    |
| Operating temperature range                      | -55 to 85    |
|  |              |

#### References

| Packag | jing Specification  | s Minimum quantity |
|--------|---|--------------------|
| D      | 180mm Paper taping  | 15000              |
| J      | 330mm Paper taping  | 50000              |
| W      | 180mm Paper taping (W8P1*)<br>* Width : 8mm, Pocket pitch : 1mm | 30000              |
|        |   | Mass (typ.)        |

1 piece 180mm Reel

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## 🔔 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.

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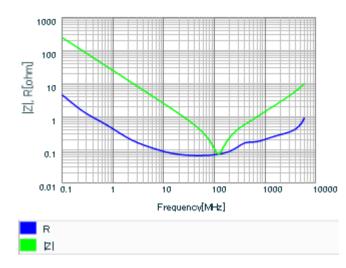
URL : http://www.murata.co.jp/

0.33mg

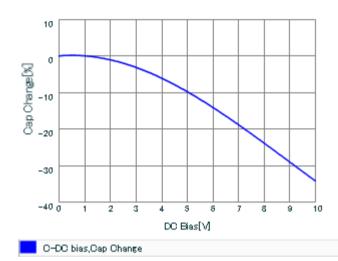
118g

### Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

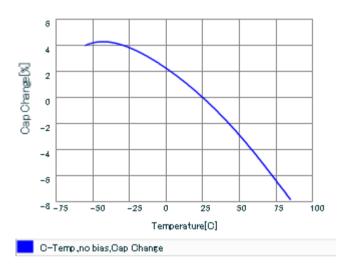
#### Frequency characteristics (ESR, Impedance)



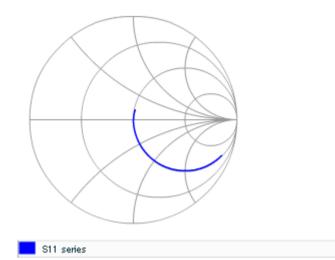
DC bias characteristics



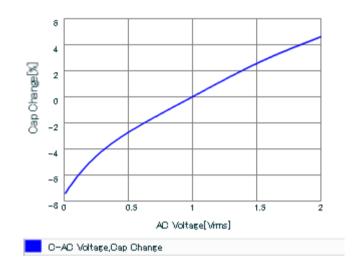
Capacitance - temperature characteristics







AC voltage characteristics



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