

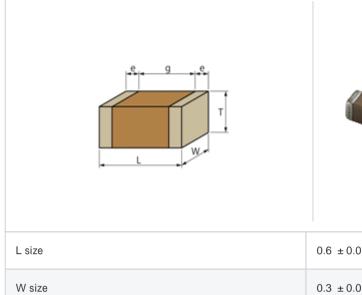
GRM033R70J682KA01#

Ultra-compact Complies with RoHS Recommended

< List of part numbers with package codes >

GRM033R70J682KA01D , GRM033R70J682KA01W , GRM033R70J682KA01J

Shape



"#" indicates a package specification code.

References

Packaging

| 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 inch(mm) | 0201 (0603) |

Specifications

| Capacitance | 6800pF ±10% |
|--|-------------|
| Rated voltage | 6.3Vdc |
| Temperature characteristics (complied standard) | X7R(EIA) |
| Capacitance change rate | ± 15.0% |
| Temperature range of temperature characteristics | -55 to 125 |
| Operating temperature range | -55 to 125 |

| D | 180mm Paper taping | 15000 |
|---|---|-------|
| J | 330mm Paper taping | 50000 |
| W | 180mm Paper taping (W8P1*) * Width : 8mm, Pocket pitch : 1mm | 30000 |
| | | |

Specifications

Minimum quantity

| Mass (typ.) | |
|-------------|--------|
| 1 piece | 0.33mg |
| 180mm Reel | 118g |

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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.

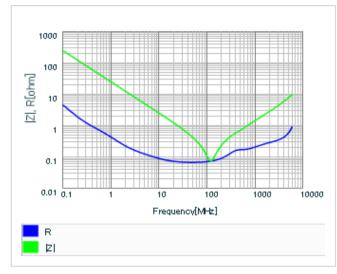
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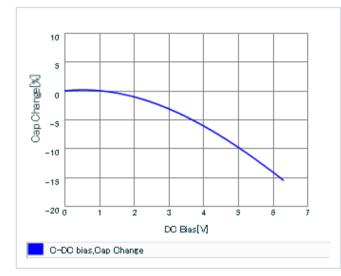
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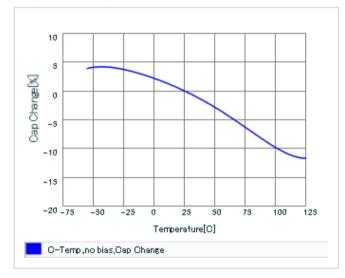




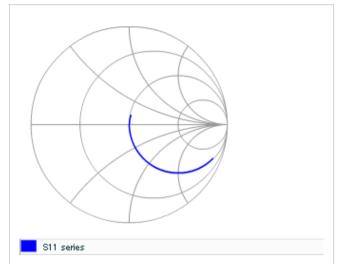
DC bias characteristics



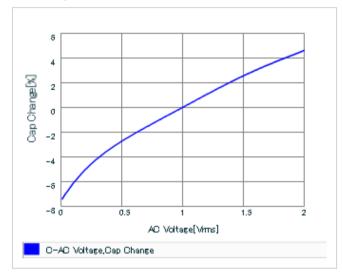
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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