

# GRM033R60J104KE19#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM033R60J104KE19J

GRM033R60J104KE19D

GRM033R60J104KE19W

## Appearance & Shape



## References

| Packaging | Specifications          | Standard Packing Quantity |
|-----------|-------------------------|---------------------------|
| J         | 330mm Paper Tape        | 50000                     |
| D         | 180mm Paper Tape        | 15000                     |
| W         | 180mm Paper Tape (W8P1) | 30000                     |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.33mg |
| φ180mm Reel | 118g   |

### Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
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## Specifications

|  |               |
|--|---------------|
| Length   | 0.6±0.03mm    |
| Width  | 0.3±0.03mm    |
| Thickness  | 0.3±0.03mm    |
| Capacitance                                      | 0.10μF ±10%   |
| Distance between external terminals g            | 0.2mm min.    |
| External terminal size e                         | 0.1 to 0.2mm  |
| Operating Temperature Range                      | -55°C to 85°C |
| Rated Voltage                                    | 6.3Vdc        |
| Size code in inch(mm)                            | 0201 (0603M)  |
| Capacitance change rate                          | ±15.0%        |
| Temperature characteristics (complied standard)  | X5R(EIA)      |
| Temperature range of temperature characteristics | -55°C to 85°C |

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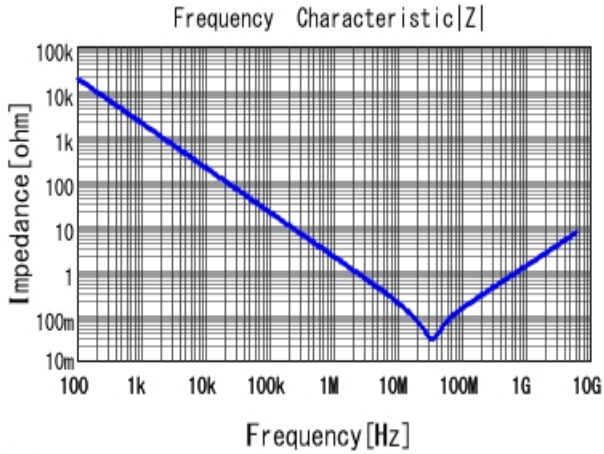
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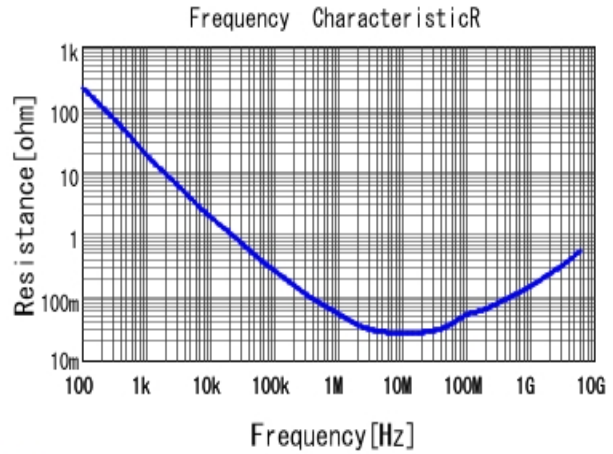
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## Characteristic Data

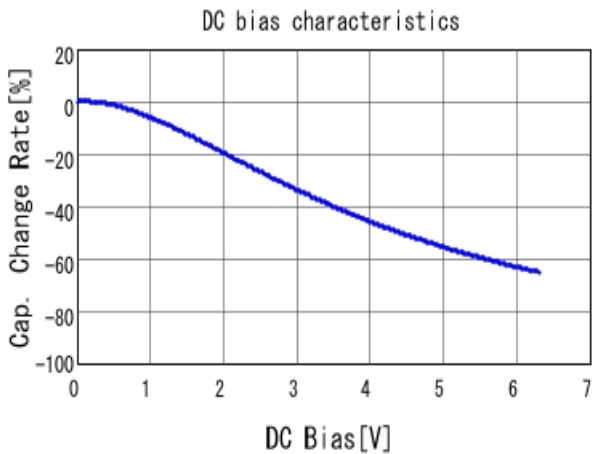
The charts below may show another part number which shares its characteristics.



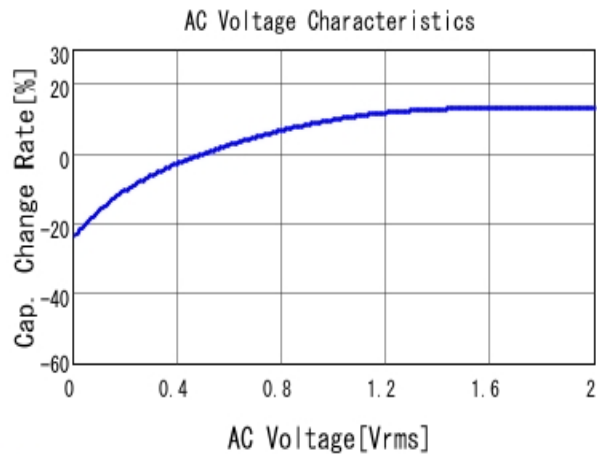
■ GRM033R60J104KE19 |Z| DCOV, 25degC



■ GRM033R60J104KE19 R DCOV, 25degC



■ GRM033R60J104KE19 C-DC bias capchange, 25.0degC, AC0.



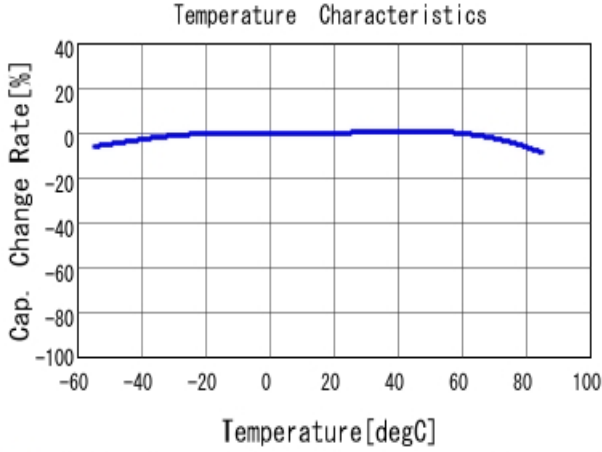
■ GRM033R60J104KE19 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

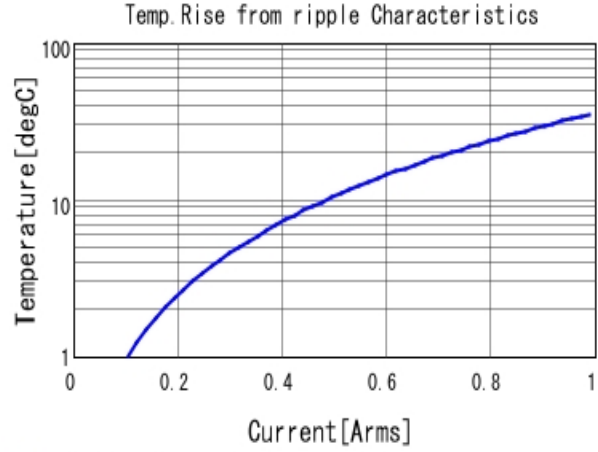
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■ GRM033R60J104KE19 C-Temp. capchange, DCO. 0V, ACO. 5Vrm



■ GRM033R60J104KE19 Temp. rise 800kHz

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