Capacitor Data Sheet

GRM187R61A226ME15#

"#" indicates a package specification code.

| In Production | General | 85°C max. | Reflow OK / Flow OK | RoHS | REACH | Derating 1 | For only mobile devices |

< List of part numbers with package codes >

GRM187R61A226ME15D , GRM187R61A226ME15J

Shape
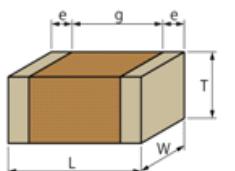
L size	1.6 ±0.2mm
W size	0.8 ±0.2mm
T size	0.7 ±0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.6mm min.
Size code in inch(mm)	0603 (1608M)

Notes

Derating1。
Only for mobile devices

References

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

Mass (typ.)	
1 piece	9.1mg
φ180mm Reel	166g

Specifications

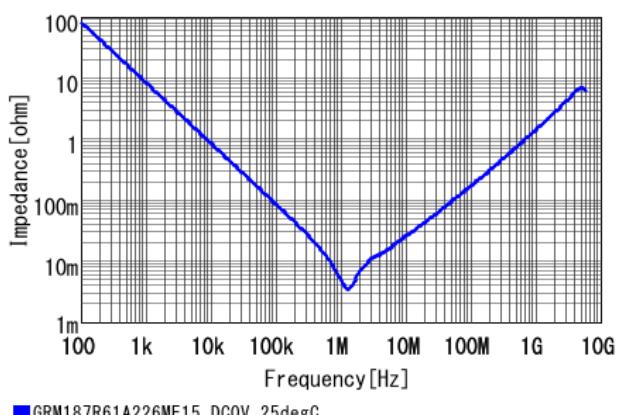| Capacitance	22µF ±20%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	±15.0%
Temperature range of temperature characteristics	-55 to 85℃
Operating temperature range	-55 to 85℃

⚠ **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.
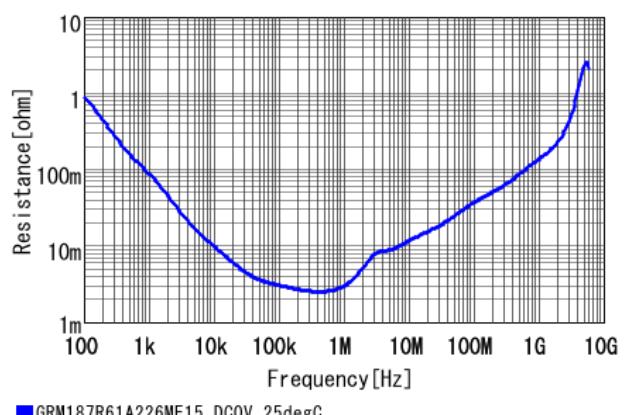2. This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.
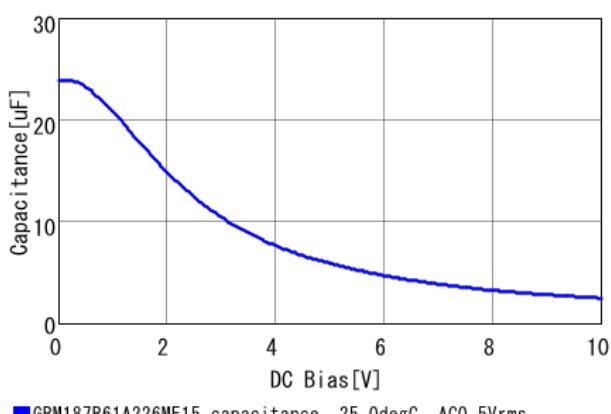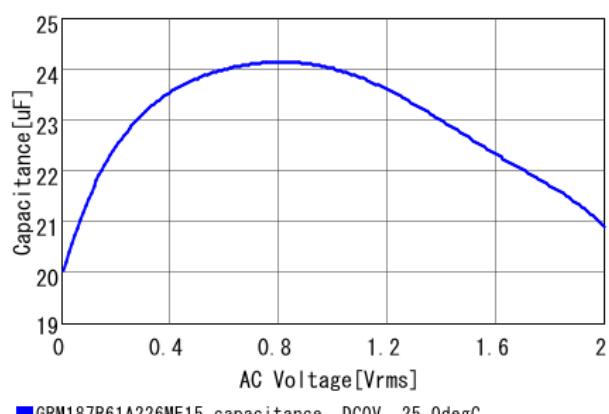
Murata Manufacturing Co., Ltd.

URL : https://www.murata.com/

Last updated: 2019/07/30

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

Frequency Characteristic|Z|

GRM187R61A226ME15 DC0V, 25degC

Frequency CharacteristicR

GRM187R61A226ME15 DC0V, 25degC

DC bias characteristics

GRM187R61A226ME15 capacitance, 25.0degC, AC0.5Vrms

AC Voltage Characteristics

GRM187R61A226ME15 capacitance, DC0V, 25.0degC

Tempetature Characteristics

GRM187R61A226ME15 capacitance, DC0.0V, AC0.1Vrms
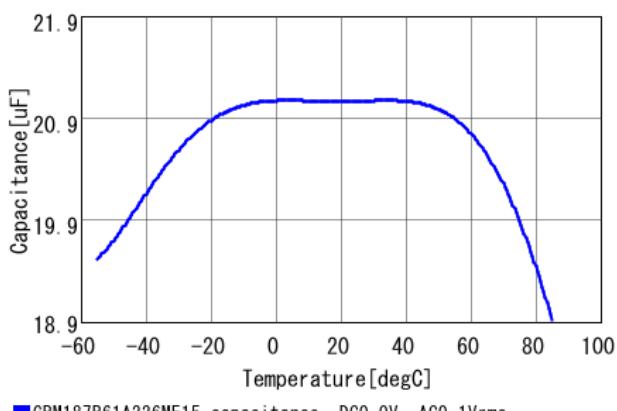
Temp.Rise from ripple Characteristics

GRM187R61A226ME15 ■80kHz ■400kHz ■800kHz

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