GRM31MR61A106KE19#

"#" indicates a package specification code.

Available | General | 85℃ | Reflow OK | Flow OK | RoHS

< List of part numbers with package codes >
GRM31MR61A106KE19L , GRM31MR61A106KE19K

Shape

L size	3.2 ± 0.15mm
W size	1.6 ± 0.15mm
T size	1.15 ± 0.1mm
External terminal width e	0.3 to 0.8mm
Distance between external terminals g	1.5mm min.
Size code in inch(mm)	1206 (3216)

References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	3000
K	330mm Embossed taping	10000

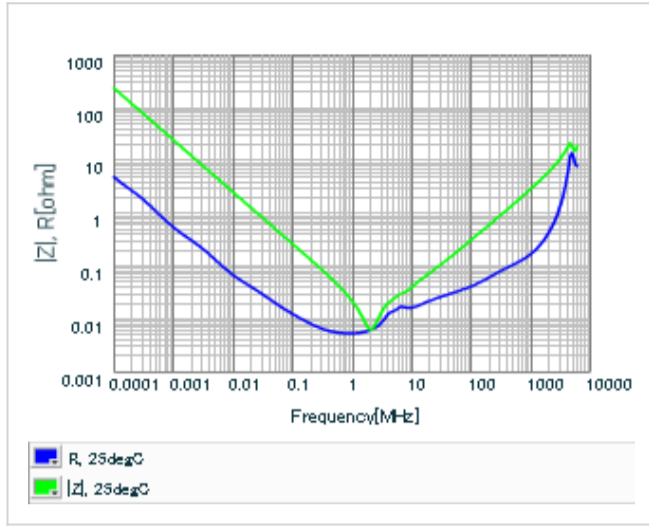| Mass (typ.)	
1 piece	34mg
180mm Reel	149g

Specifications

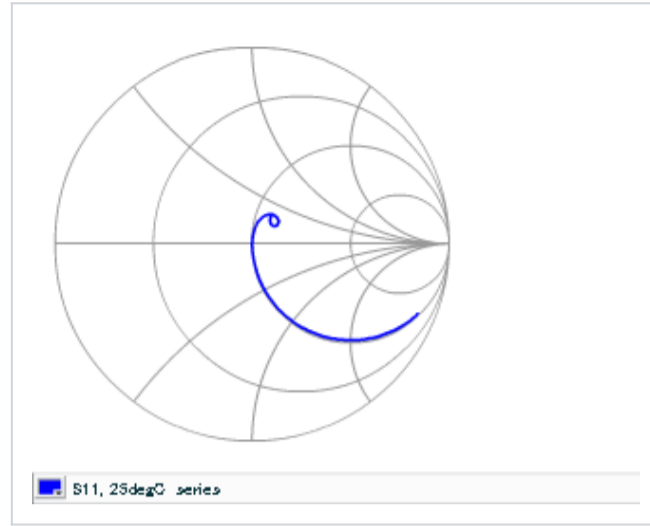|	
Capacitance	10μF ± 10%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 85
Operating temperature range	-55 to 85

⚠ **Attention**

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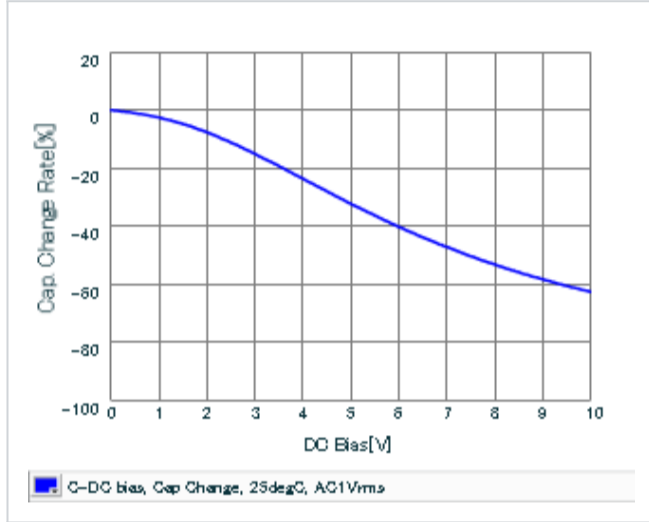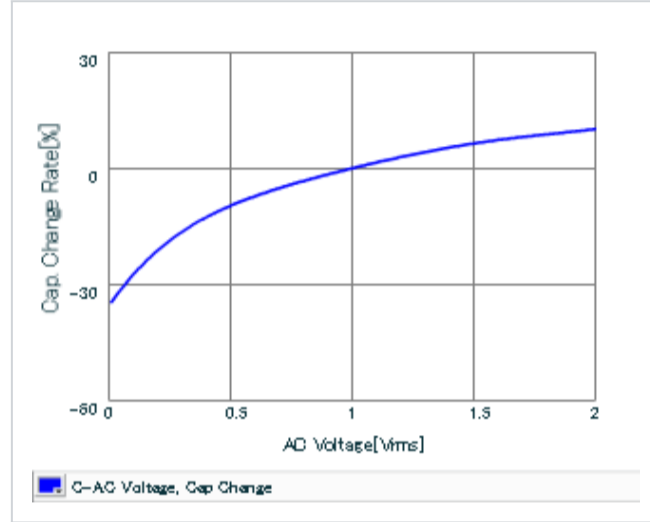
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Frequency characteristics (ESR, Impedance)

R, 25degC
|Z|, 25degC

S parameter (Smith chart S11)

S11, 25degC series

DC bias characteristics

C-DC bias, Cap Change, 25degC, AC1Vrms

AC voltage characteristics

C-AC Voltage, Cap Change

Capacitance - temperature characteristics

C-Temp., Cap Change, DC0V, AC1Vrms
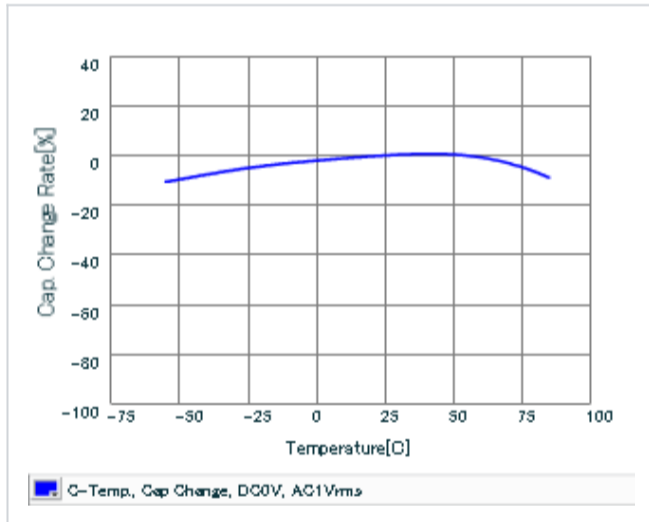
Calorific property by ripple current

Temp.rise, 100kHz
Temp.rise, 500kHz
Temp.rise, 1MHz
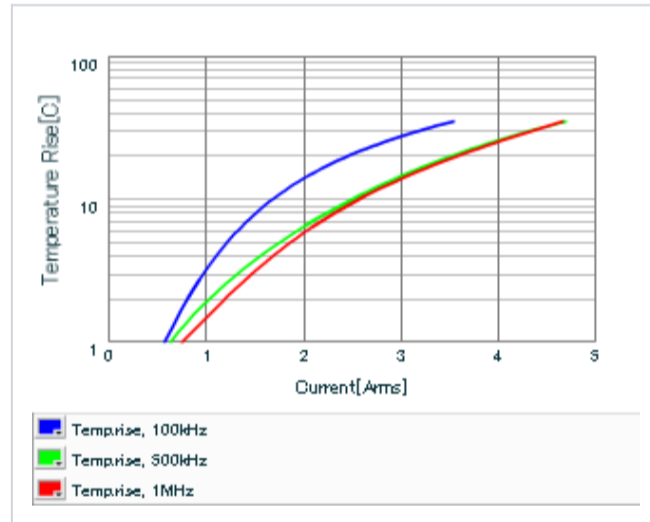
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Last updated: 2014/12/03