

" # " indicates a package specification code.



< List of part numbers with package codes >
GRM31MR61A225KA01L , GRM31MR61A225KA01K

Shape

L size	3.2 \pm 0.15mm
W size	1.6 \pm 0.15mm
T size	1.15 \pm 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	2.2 μ F \pm 10%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	\pm 15.0%
Temperature range of temperature characteristics	-55 to 85
Operating temperature range	-55 to 85

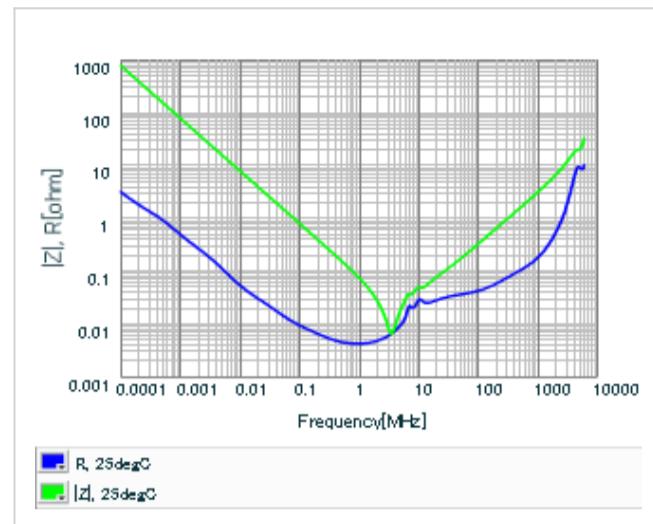
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⚠ Attention

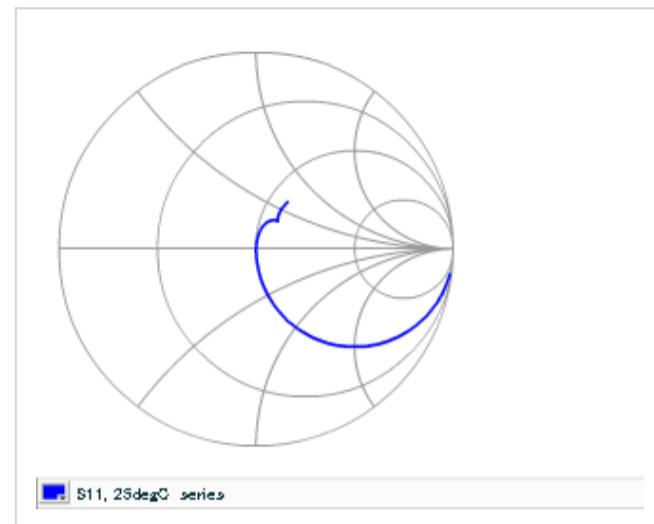
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

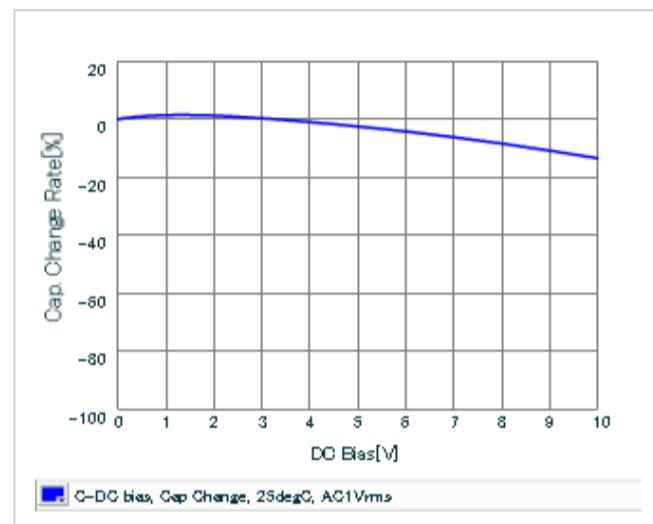
■ Frequency characteristics (ESR, Impedance)



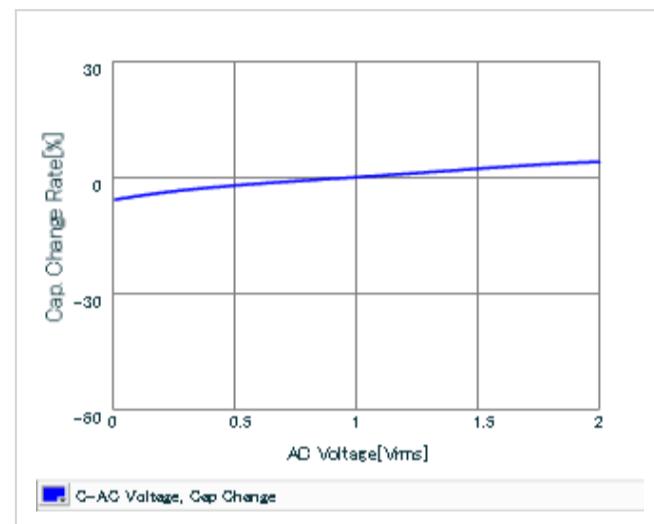
■ S parameter (Smith chart S11)



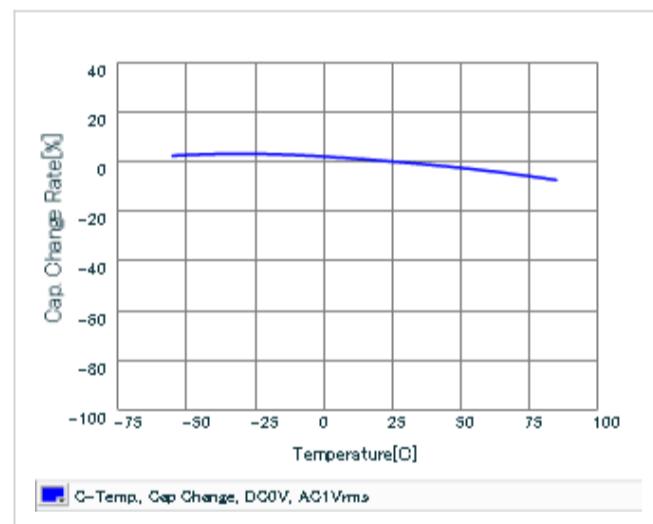
■ DC bias characteristics



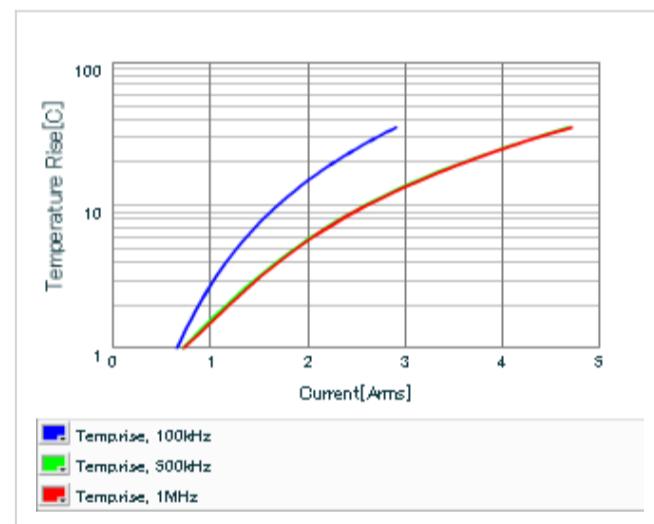
■ AC voltage characteristics



■ Capacitance - temperature characteristics



■ Calorific property by ripple current



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