

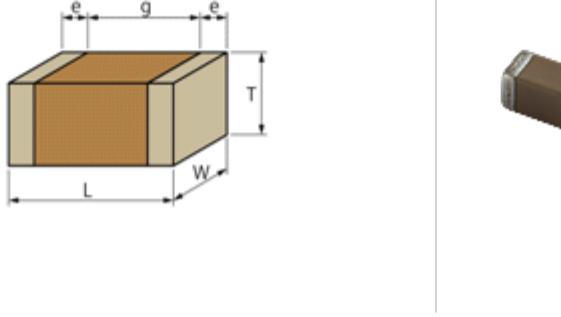
GRM31MR71C105MA01#

" # " indicates a package specification code.



< List of part numbers with package codes >
GRM31MR71C105MA01L , GRM31MR71C105MA01K

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	1.0 μ F \pm 20%
Rated voltage	16Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	\pm 15.0%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

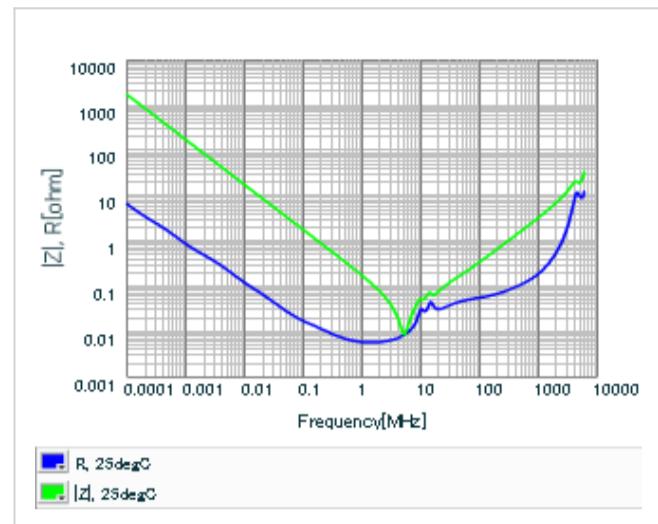
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Attention

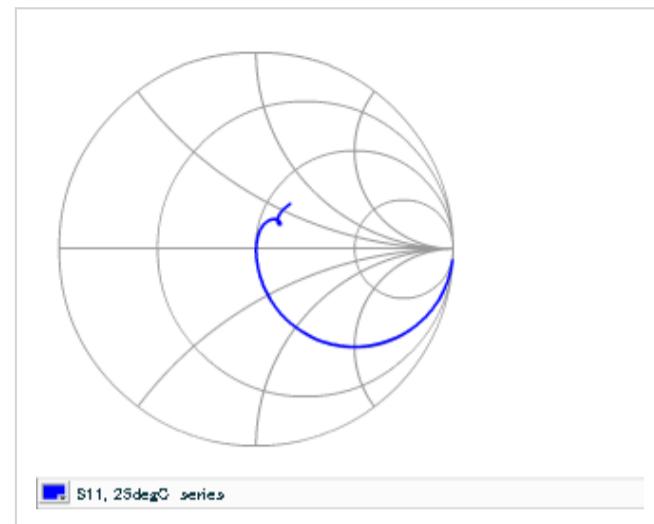
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2. This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

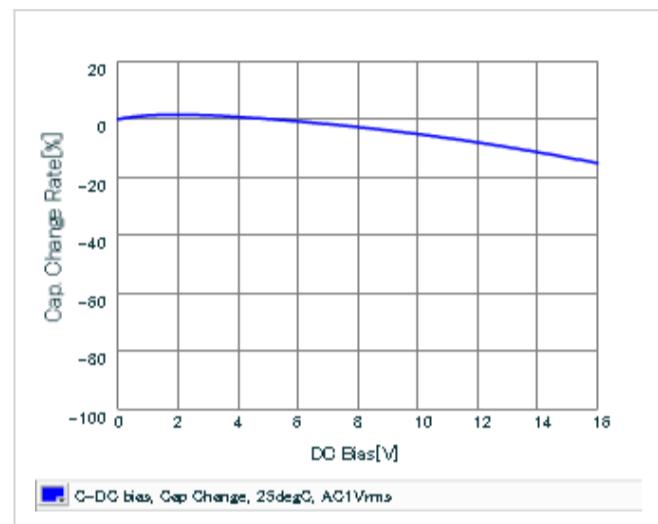
■ Frequency characteristics (ESR, Impedance)



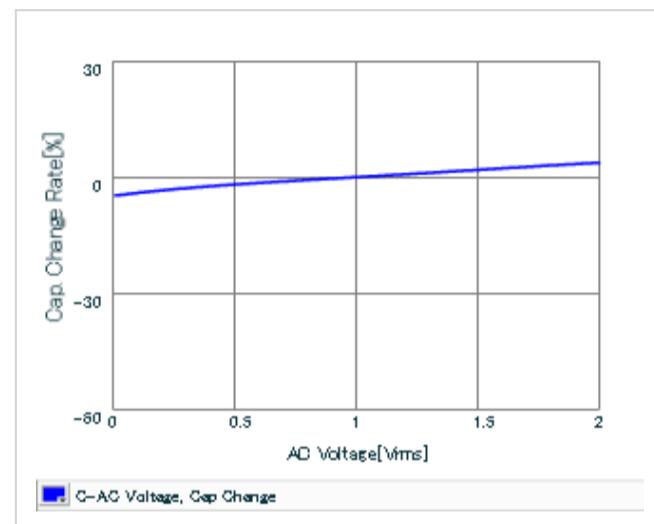
■ S parameter (Smith chart S11)



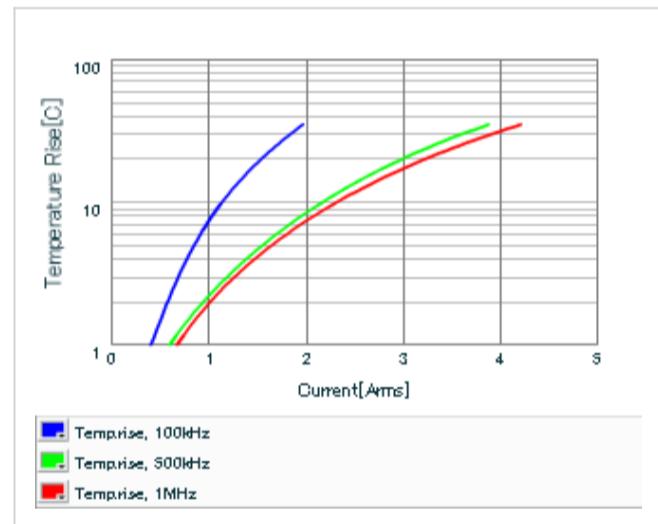
■ DC bias characteristics



■ AC voltage characteristics



■ Calorific property by ripple current



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Last updated: 2015/01/09