Capacitor data sheet

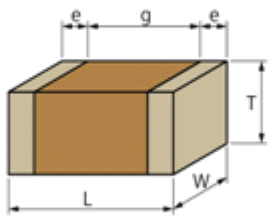
GRM31MR72A473MA01#

“ # ” indicates a package specification code.

Available | Flow OK | Reflow OK | Complies with RoHS

< List of part numbers with package codes >
GRM31MR72A473MA01L , GRM31MR72A473MA01K

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	φ180mm Embossed taping	3000
K	φ330mm Embossed taping	10000

Mass (typ.)	
1 piece	34mg
φ180mm Reel	149g

Specifications

Capacitance	47000pF ±20%
Rated voltage	100Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	±15.0%
Temperature range of temperature characteristics	-55 to 125℃
Operating temperature range	-55 to 125℃

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.

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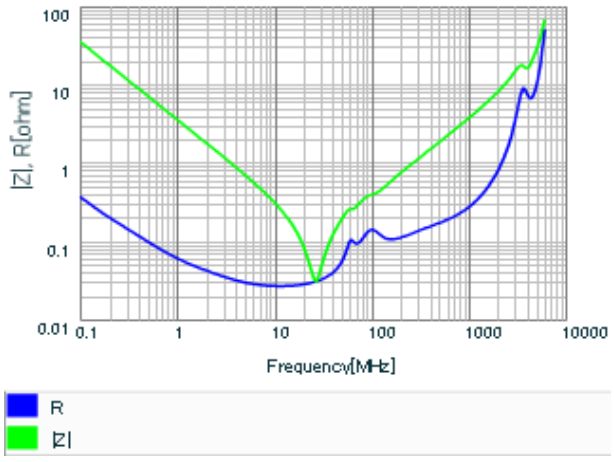
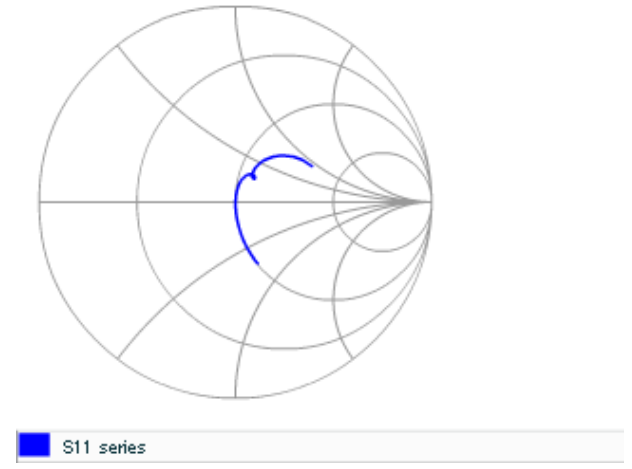
Last updated: 2013/11/30

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

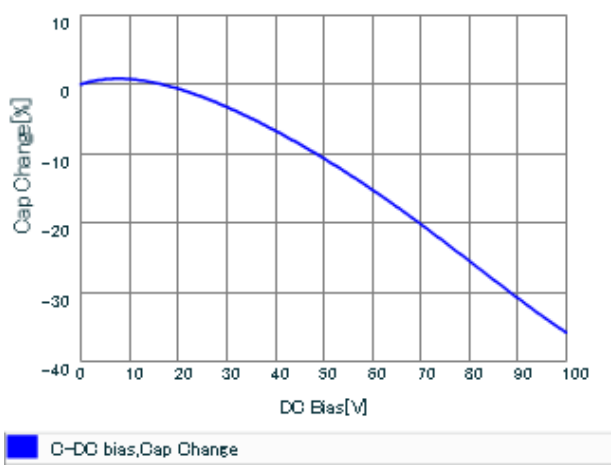
- Frequency characteristics (ESR, Impedance)



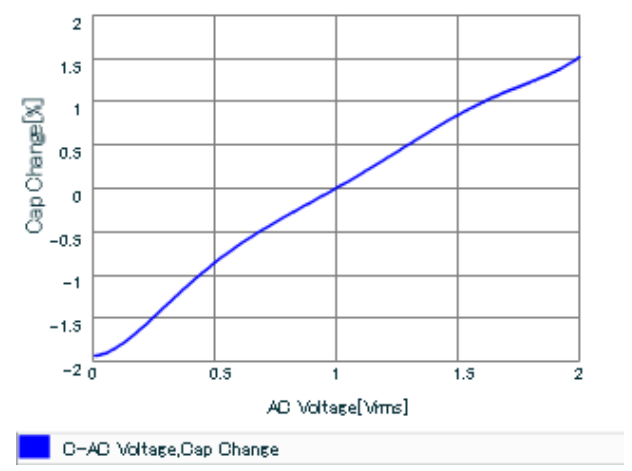
- S parameter (Smith chart S11)



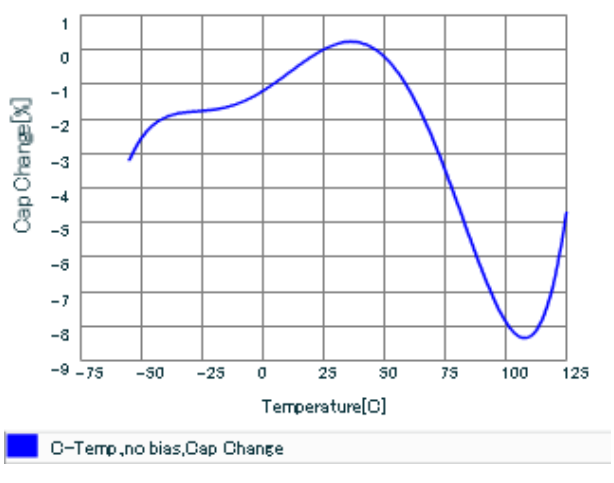
- DC bias characteristics



- AC voltage characteristics



- Capacitance - temperature characteristics



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