

GRM155R61A224KE19#

“ # ” indicates a package specification code.

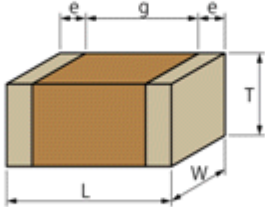
Recommended

Reflow OK

Complies with RoHS

< List of part numbers with package codes >
GRM155R61A224KE19D , GRM155R61A224KE19J , GRM155R61A224KE19C , GRM155R61A224KE19B

Shape

	
L size	1.0 ±0.05mm
W size	0.5 ±0.05mm
T size	0.5 ±0.05mm
External terminal width e	0.15 to 0.35mm
Distance between external terminals g (Min.)	0.3mm
Size code in mm(inch)	1005 (0402)

Specifications

Capacitance	0.22μF ±10%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	±15%
Temperature range of temperature characteristics	-55 to 85℃
Operating temperature range	-55 to 85℃

References

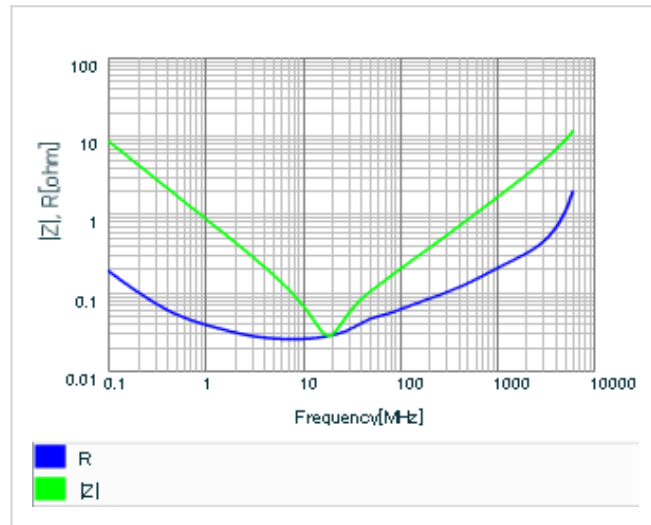
Packaging	Specifications	Minimum quantity
D	Paper tape (φ 180mm)	10000
J	Paper tape (φ 330mm)	50000
C	Bulk case	50000
B	Packing in bulk	1000

Mass (typ.)	
1 piece	1.6mg
Reel (φ 180mm)	118g

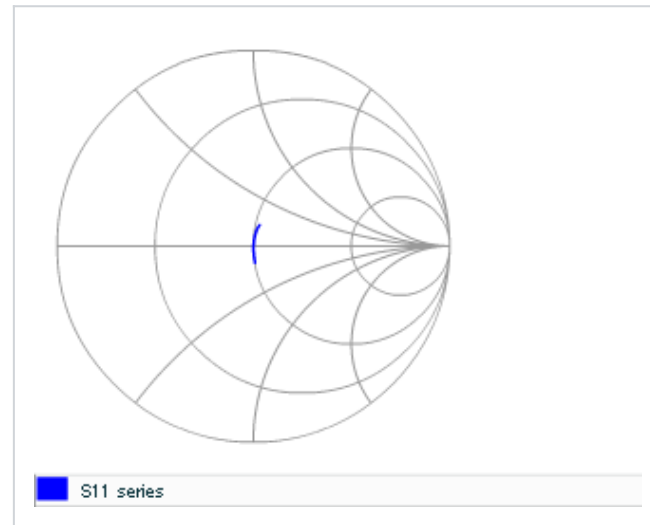
 Attention

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.

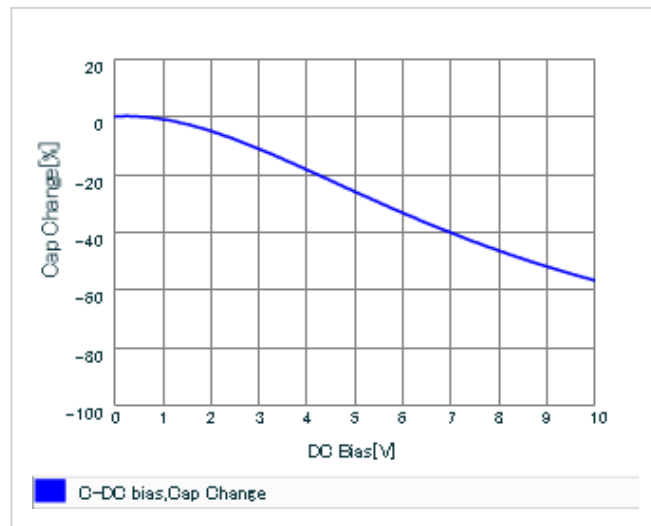
▪ Frequency characteristics (ESR, Impedance)



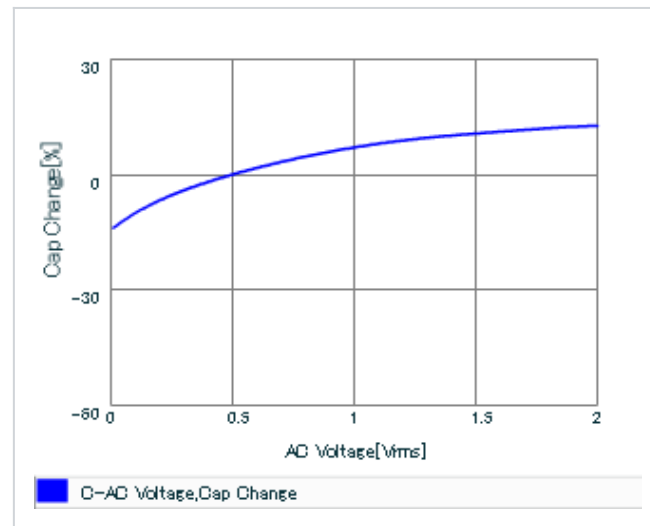
▪ S parameter (Smith chart S11)



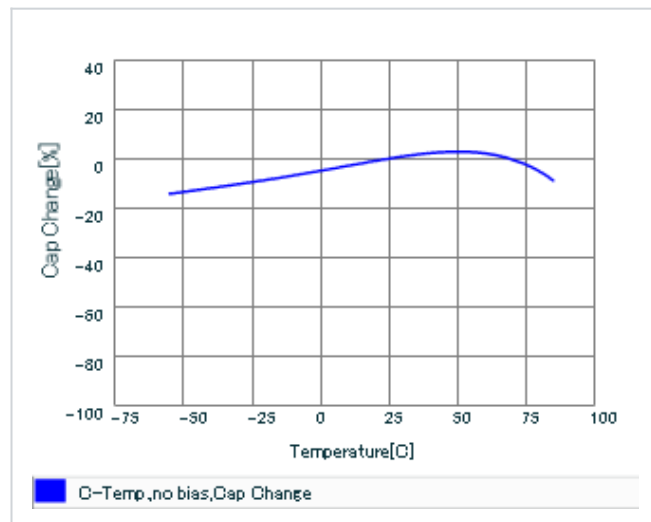
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current

