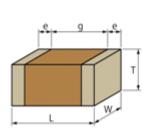


GRM188R71E105KA12#

Complies with RoHS Recommended Reflow OF

< List of part numbers with package codes > GRM188R71E105KA12D , GRM188R71E105KA12J

Shape





4000

10000

6.3mg

144g

"#" indicates a package specification code.

L size	1.6 ± 0.1mm
W size	0.8 ± 0.1mm
T size	0.8 ± 0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.5mm min.
Size code in mm(inch)	1608 (0603)
Specifications	
Capacitance	1.0µF ±10%
Rated voltage	25Vdc
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

References Packaging Specifications 180mm Paper taping 330mm Paper taping

Mass (typ.)

1 piece 180mm Reel

1 of 2

🔔 Attention

D

J

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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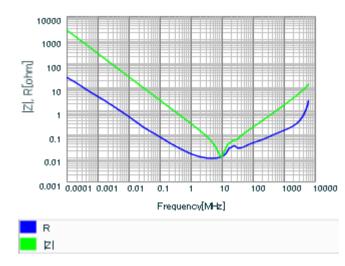
URL : http://www.murata.co.jp/

Last updated: 2013/09/23

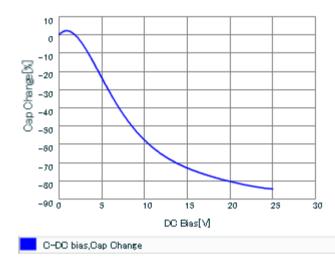
Minimum quantity

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

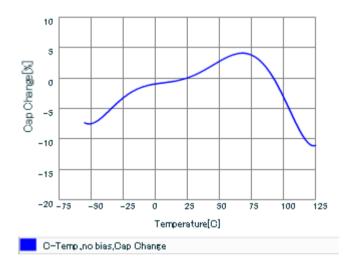
Frequency characteristics (ESR, Impedance)



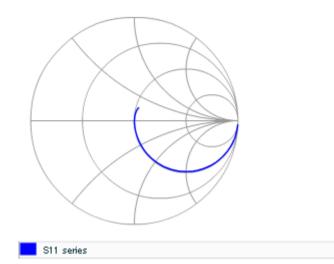
DC bias characteristics



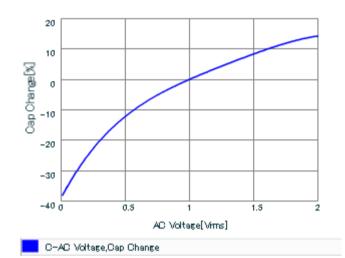
Capacitance - temperature characteristics



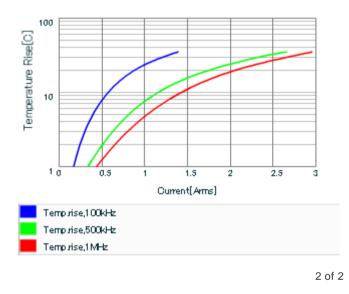
S parameter (Smith chart S11)



AC voltage characteristics



Calorific property by ripple current



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