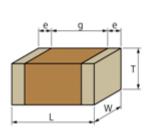


# GRM188R71H221KA01#

Recommended Flow OK Reflow OK with RoHS

< List of part numbers with package codes > GRM188R71H221KA01D , GRM188R71H221KA01J

Shape





"#" 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	220pF ±10%
Rated voltage	50Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15.0%
Tomporature range of temporature operatoristics	-55 to 125
Temperature range of temperature characteristics	

PackagingSpecificationsMinimum quantityD180mm Paper taping4000J330mm Paper taping10000

## 🔔 Attention

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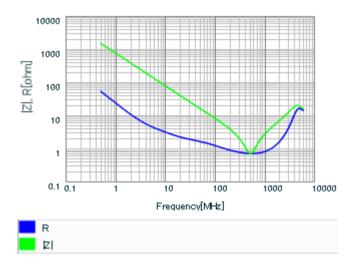
URL : http://www.murata.co.jp/

Last updated: 2013/10/20

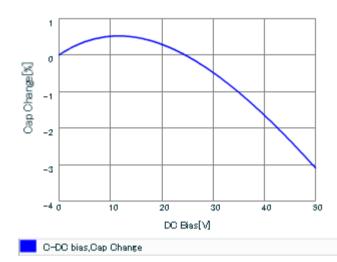
### 1 of 2

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

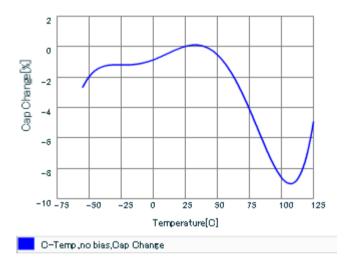
#### Frequency characteristics (ESR, Impedance)



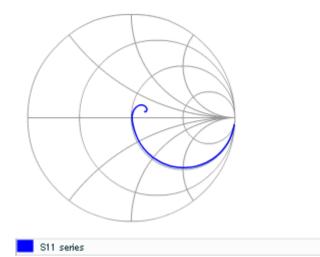
DC bias characteristics



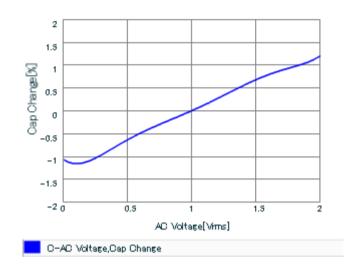
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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