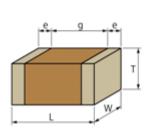


# GRM188R71E103KA01#

Available Flow OK Reflow OK with RoHS

< List of part numbers with package codes > GRM188R71E103KA01D , GRM188R71E103KA01J

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	10000pF ±10%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 125
	-55 to 125

#### References

Packaging		Specifications		Minimum quantity
D	180mm Paper taping		4000	
J	330mm Paper taping		10000	
		Mass (typ.)		
1 piece			6.3mg	
180mm Reel			144g	

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#### 🔔 Attention

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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.

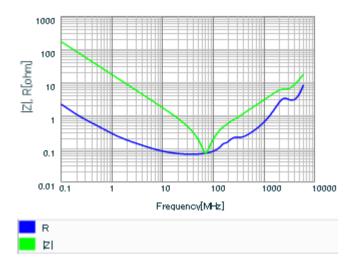
# muRata Murata Manufacturing Co., Ltd.

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

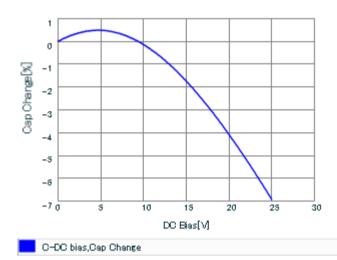
Last updated: 2013/10/20

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

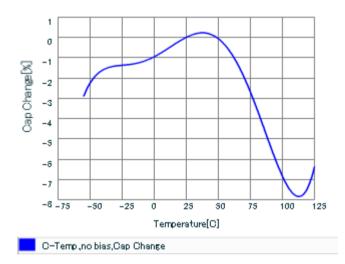
#### Frequency characteristics (ESR, Impedance)



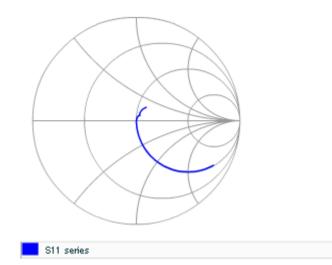
DC bias characteristics



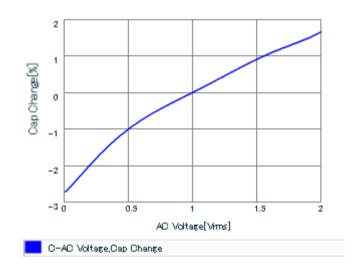
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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