

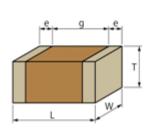
# GRM033R61A682KA01#

Recommended Reflow OK with RoHS compact

< List of part numbers with package codes >

GRM033R61A682KA01D , GRM033R61A682KA01W , GRM033R61A682KA01J

Shape





"#" indicates a package specification code.

L size	0.6 ± 0.03mm
W size	0.3 ± 0.03mm
T size	0.3 ± 0.03mm
External terminal width e	0.1 to 0.2mm
Distance between external terminals g	0.2mm min.
Size code in mm(inch)	0603 (0201)
Specifications	
Capacitance	6800pF ±10%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 85
Operating temperature range	-55 to 85

#### References

Packag	jing Specification	s Minimum quantity
D	180mm Paper taping	15000
J	330mm Paper taping	50000
W	180mm Paper taping (W8P1*) * Width : 8mm, Pocket pitch : 1mm	30000
		Mass (typ.)

1 piece 180mm Reel

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## 🔔 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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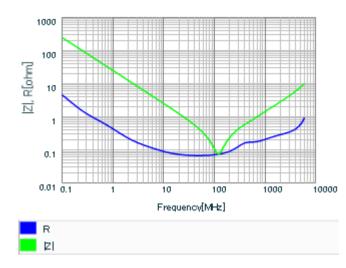
URL : http://www.murata.co.jp/

0.33mg

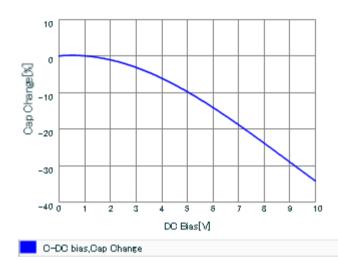
118g

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

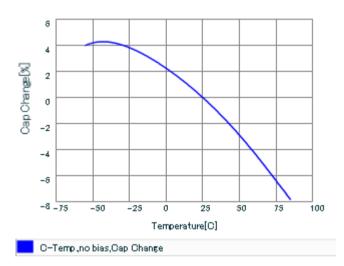
#### Frequency characteristics (ESR, Impedance)



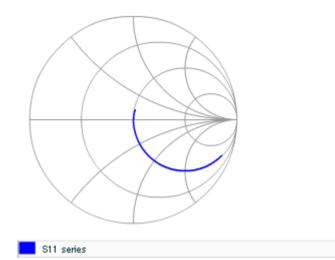
DC bias characteristics



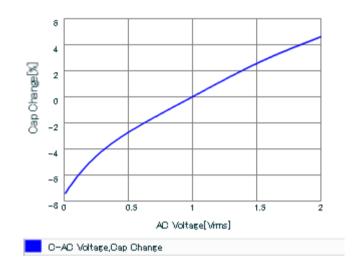
Capacitance - temperature characteristics







AC voltage characteristics



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Last updated: 2013/10/23