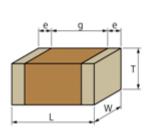


# GRM188R61A684KA61#

Available Flow OK Reflow OK with RoHS

< List of part numbers with package codes > GRM188R61A684KA61D , GRM188R61A684KA61J

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	0.68µF ±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

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.

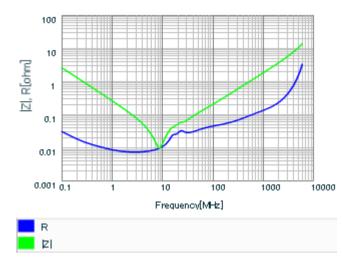
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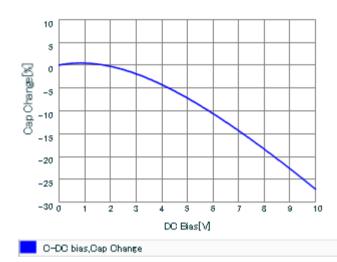
Last updated: 2013/10/20

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

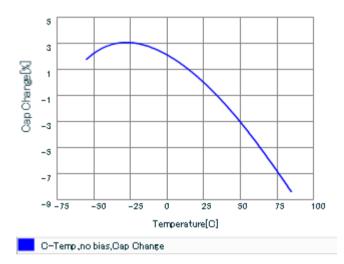
#### Frequency characteristics (ESR, Impedance)



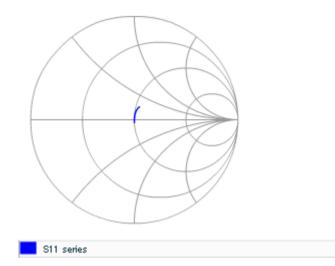
DC bias characteristics



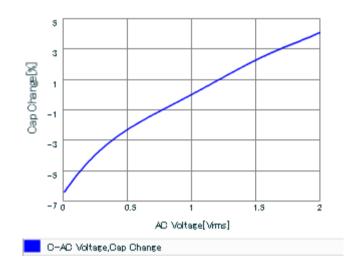
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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