

# GCM31MR71H684KA55#

“ # ” indicates a package specification code.

Recommended

Flow OK


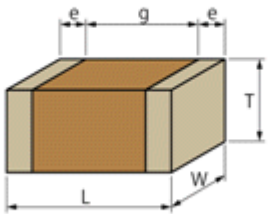
Reflow OK

Complies with RoHS

AEC-Q200

< List of part numbers with package codes >  
GCM31MR71H684KA55L , GCM31MR71H684KA55K

## Shape

<div></div>	
L size	3.2 ± 0.15mm
W size	1.6 ± 0.15mm
T size	1.15 ± 0.1mm
External terminal width e	0.3 to 0.8mm
Distance between external terminals g	1.5mm min.
Size code in inch(mm)	1206 (3216)

## References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	3000
K	330mm Embossed taping	10000

Mass (typ.)	
1 piece	34mg
180mm Reel	149g

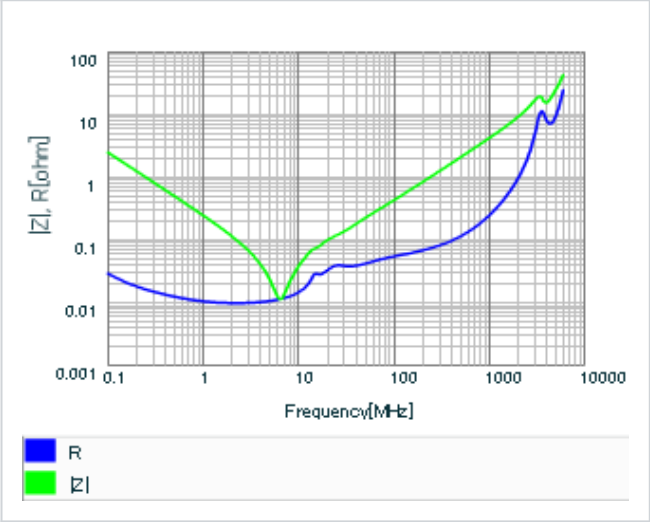
## Specifications

Capacitance	0.68μF ± 10%
Rated voltage	50Vdc
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

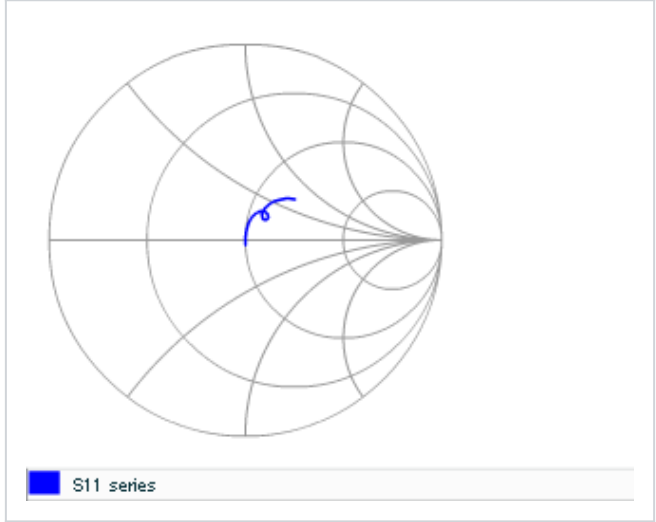
### Attention

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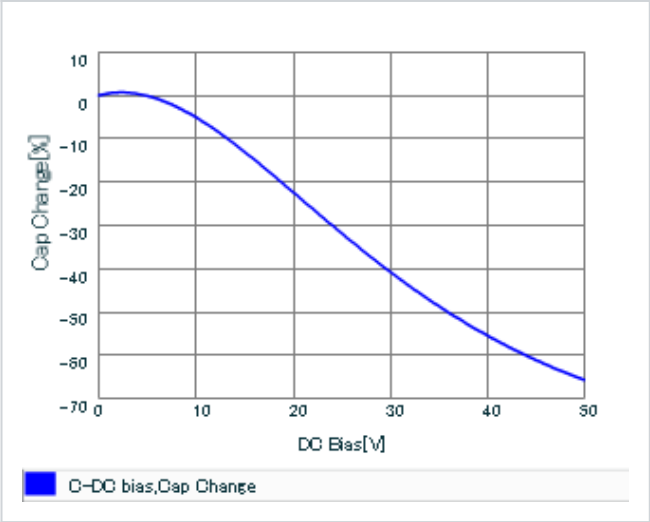
Frequency characteristics (ESR, Impedance)



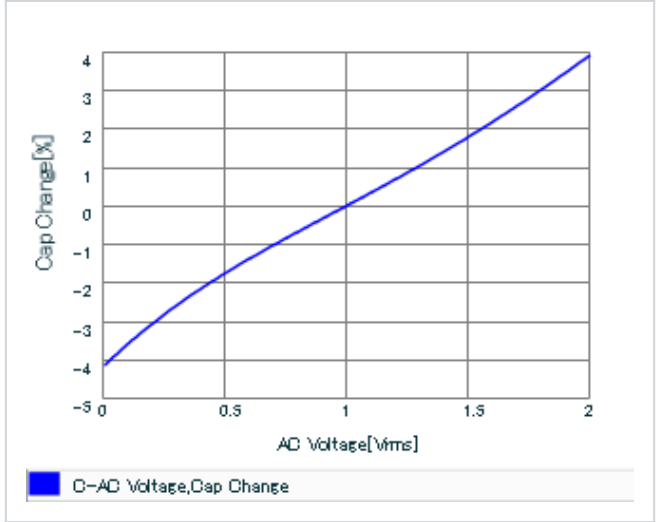
S parameter (Smith chart S11)



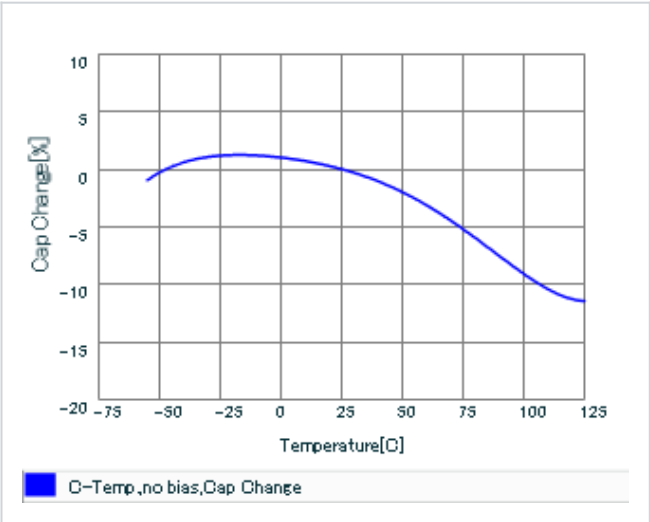
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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