

GCM31CR71H225KA55#

“ # ” indicates a package specification code.

Recommended

Available

Auto-motive

125℃

Reflow OK

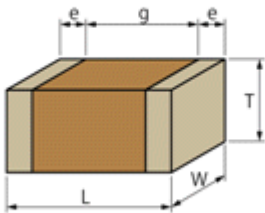
Flow OK

RoHS

AEC-Q200

< List of part numbers with package codes >
GCM31CR71H225KA55L , GCM31CR71H225KA55K

Shape



L size	3.2 ±0.2mm
W size	1.6 ±0.2mm
T size	1.6 ±0.2mm
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	φ 180mm Embossed taping	2000
K	φ 330mm Embossed taping	6000

Mass (typ.)	
1 piece	52mg
φ 180mm Reel	144g

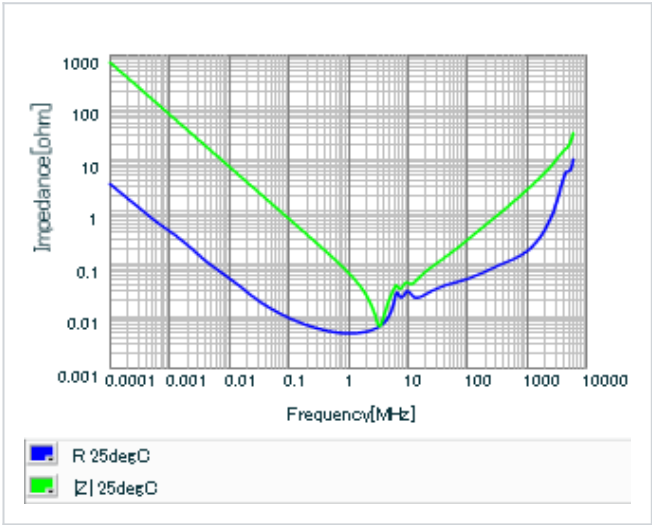
Specifications

Capacitance	2.2μF ±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℃

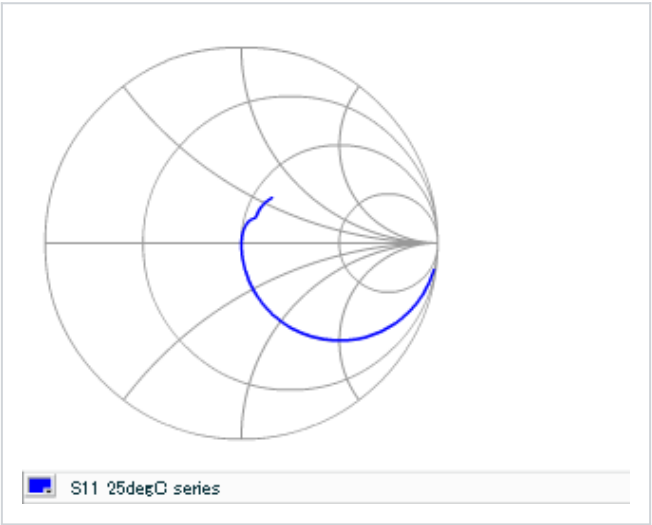
⚠ Attention

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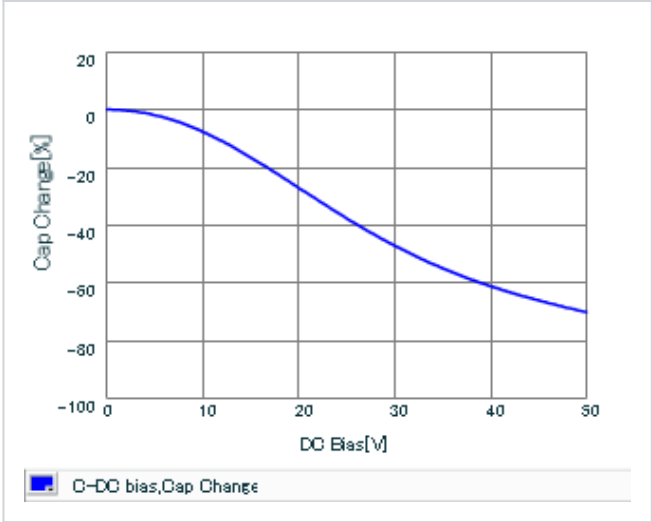
Frequency characteristics (ESR, Impedance)



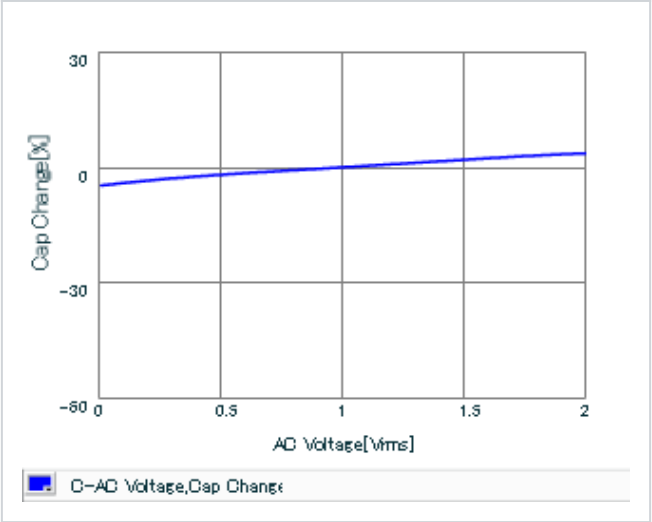
S parameter (Smith chart S11)



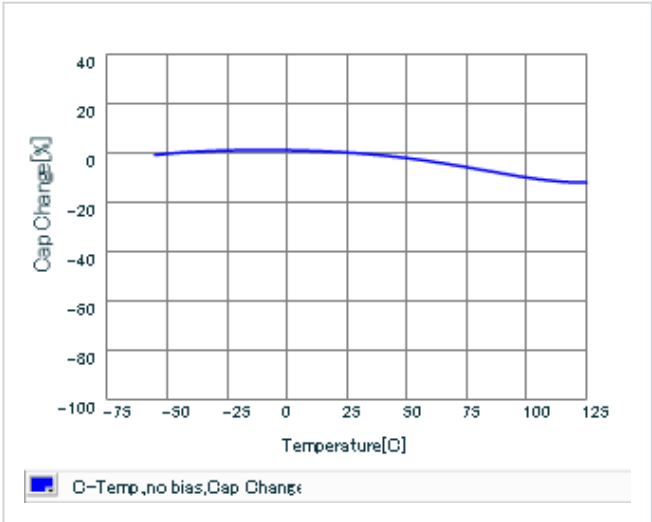
DC bias characteristics



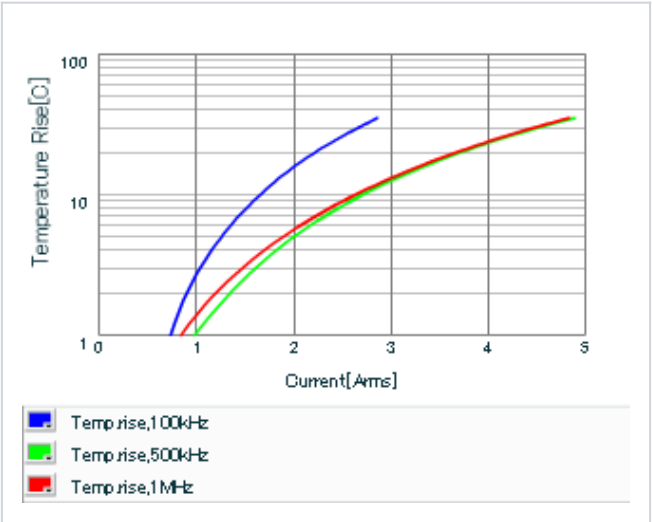
AC voltage characteristics



Capacitance - temperature characteristics



Calorific property by ripple current



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