

# GCJ31CL8EL105KA07#

“#” indicates a package specification code.



< List of part numbers with package codes >

GCJ31CL8EL105KA07L GCJ31CL8EL105KA07K

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	2000
K	330Embossed Tape	6000

Mass (typ.)	
1 piece	52mg
φ180mm Reel	144g

## Notices

Derating4. Resin external electrode products

### Attention

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## Specifications

Length	3.2±0.3mm
Width	1.6±0.3mm
Thickness	1.6±0.3mm
Capacitance	1.0μF ±10%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 1.0mm
Operating Temperature Range	-55°C to 150°C
Rated Voltage	100Vdc
Size code in inch(mm)	1206 (3216M)
Capacitance change rate	+15.0/-40.0%
Temperature characteristics (complied standard)	X8L(Murata)
Temperature range of temperature characteristics	-55°C to 150°C

### Attention

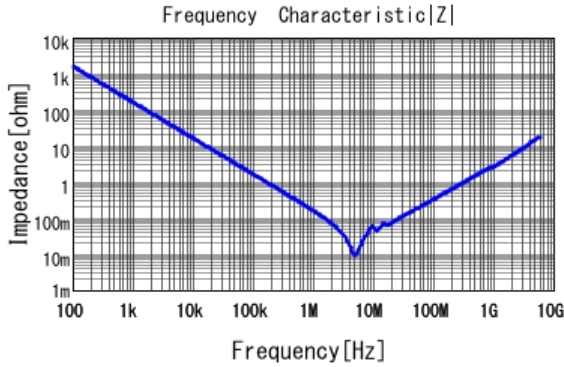
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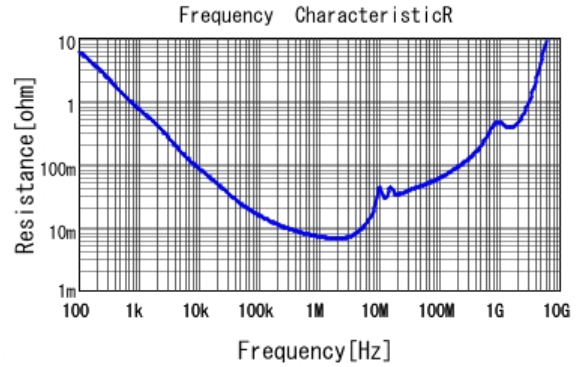
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## Characteristic Data

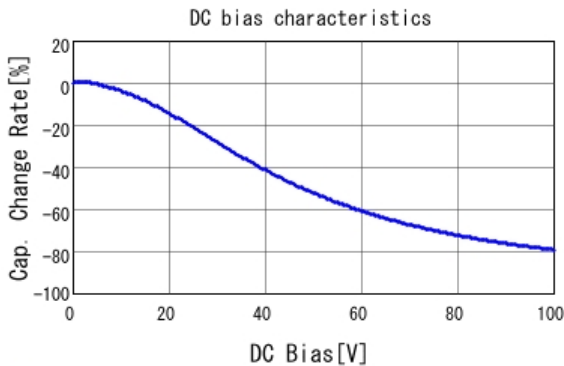
The charts below may show another part number which shares its characteristics.



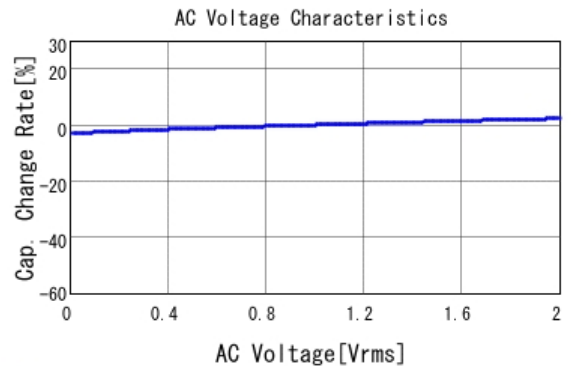
■ GCJ31CL8EL105KA07 |Z| DC0V, 25degC



■ GCJ31CL8EL105KA07 R DC0V, 25degC



■ GCJ31CL8EL105KA07 C-DC bias capchange, 25.0degC, AC1.



■ GCJ31CL8EL105KA07 C-AC Voltage capchange, DC0V, 25.0d

**Attention**

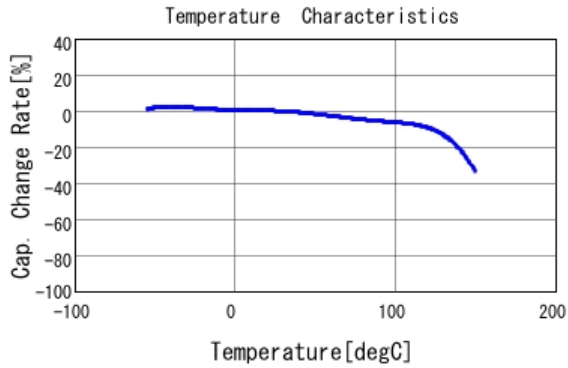
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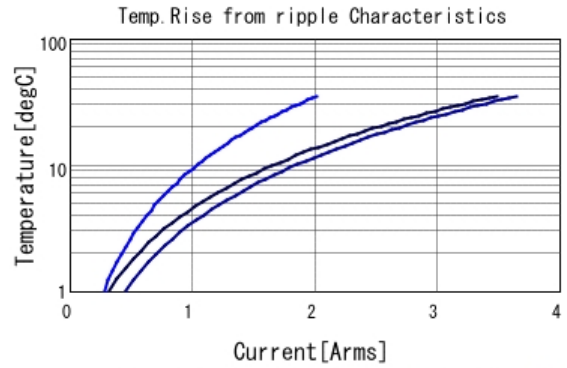
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■ GCJ31CL8EL105KA07 C-Temp. capchange, DC0.0V, AC1.0V<sub>rm</sub>



GCJ31CL8EL105KA07 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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