

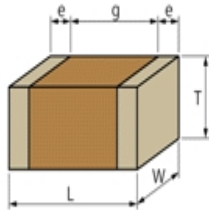
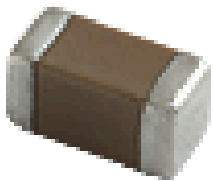
# GRM022R60J103KE19#

“#” indicates a package specification code.



< List of part numbers with package codes >  
GRM022R60J103KE19L

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
L	180 Embossed Tape	40000

Mass (typ.)	
1 piece	0.09mg
φ180mm Reel	198g

### Attention

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.
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## Specifications

Length	0.4±0.02mm
Width	0.2±0.02mm
Thickness	0.2±0.02mm
Capacitance	10000pF ±10%
Distance between external terminals g	0.13mm min.
External terminal size e	0.07 to 0.14mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	6.3Vdc
Size code in inch(mm)	01005 (0402M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55°C to 85°C

### Attention

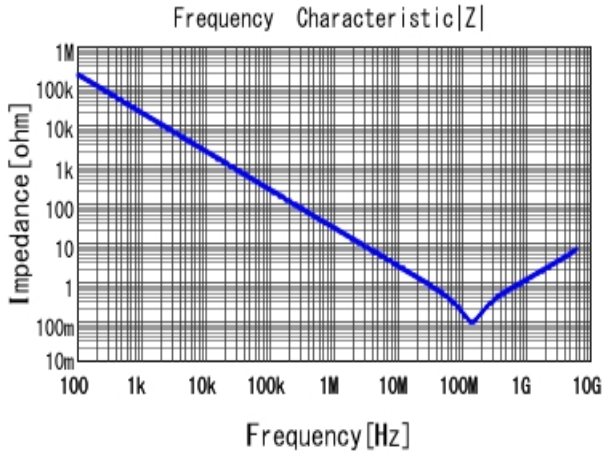
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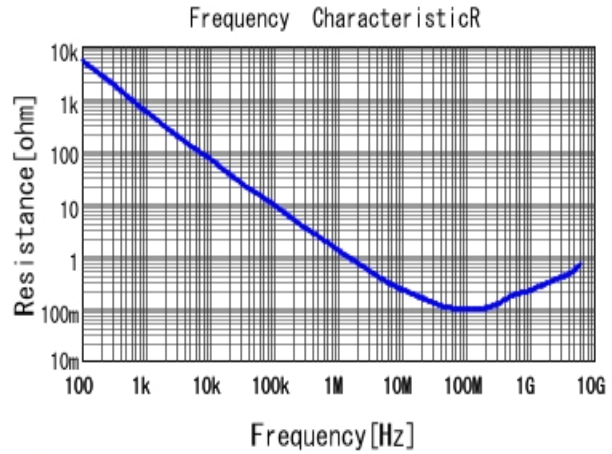
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## Characteristic Data

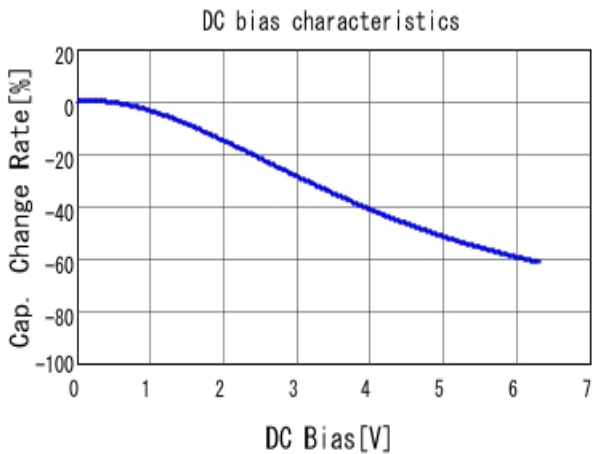
The charts below may show another part number which shares its characteristics.



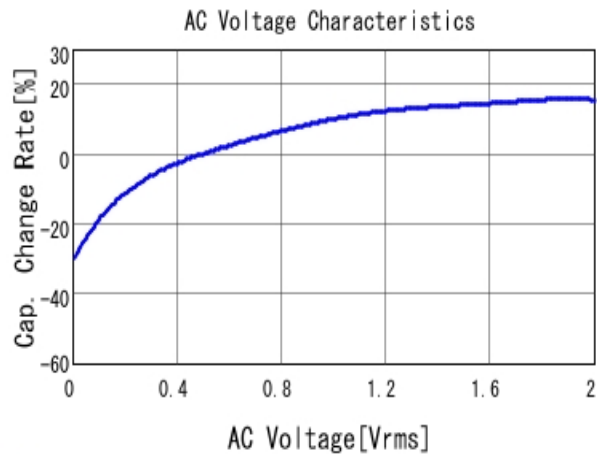
■ GRM022R60J103KE19 |Z| DCOV, 25degC



■ GRM022R60J103KE19 R DCOV, 25degC



■ GRM022R60J103KE19 C-DC bias capchange, 25.0degC, ACO.



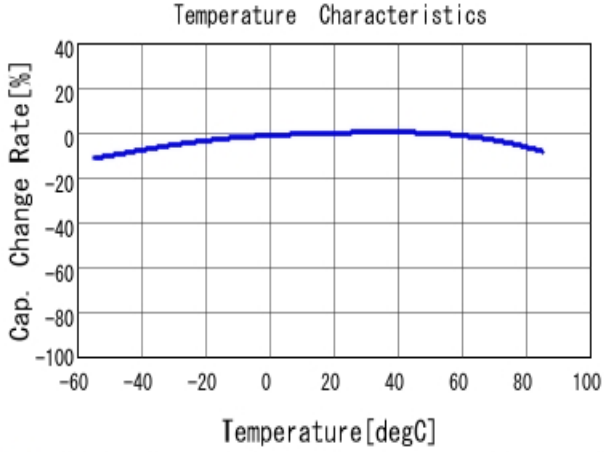
■ GRM022R60J103KE19 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

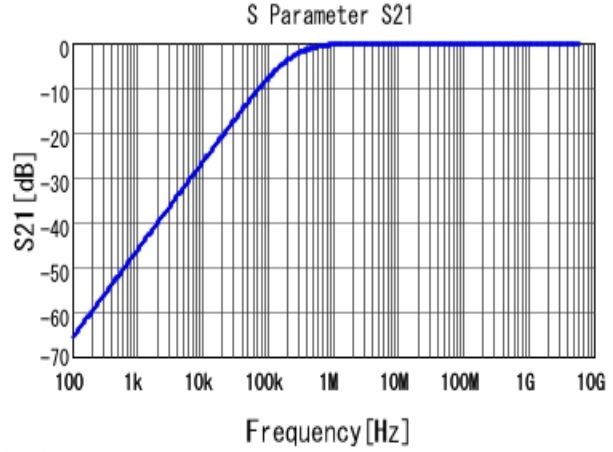
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■ GRM022R60J103KE19 C-Temp. capchange, DCO. 0V, ACO. 5Vrm



■ GRM022R60J103KE19 S21 DCOV, 25degC

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