

# GRM155R60J824KE19#

“#” at the end indicates the package specification code.

● NRND

Chip Multilayer Ceramic Capacitors for Consumer Electronics & Industrial Equipment

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Please use alternative.

GRM155R60J824KE19D, GRM155R60J824KE19J, GRM155R60J824KE19V, GRM155R60J824KE19W

Last Time Order Due	End of Production	Alternative Products
		> <a href="#">GRM155R70J105KA12#</a>

### Applications

Unsuitable Applications	Please be sure to read and comply with these " <a href="#">Precautions for use</a> ".
Specific Applications	<p><u>Consumer equipment, Industrial Equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C] except for implant equipment, Mobile Electronics</u></p> <p>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.</p>

### Attention

1. 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.
2. 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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## Appearance & Shape



Chip size code (mm/inch)	1005M/0402
Length	1mm ±0.05mm
Width	0.5mm ±0.05mm
Thickness	0.5mm ±0.05mm
External terminal size€	0.15 ~ 0.35mm

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## Specifications

Temperature characteristics (complied standard)	EIA
Temperature characteristics	X5R
Temperature range of temperature characteristics	-55 ~ 85°C
Operating Temperature	-55 ~ 85°C
Capacitance	0.82μF
Tolerance of capacitance	±10%
Rated Voltage DC	6.3Vdc

## References

Packaging	Specifications 	Standard Packing Quantity
D	φ180mm Reel W8P2* Paper Tape	10000
J	φ330mm Reel W8P2* Paper Tape	50000
V	φ330mm Reel W8P1* Paper Tape	100000
W	φ180mm Reel W8P1* Paper Tape	20000

Mass(Typ.)	
1 piece	1.6mg

### Attention

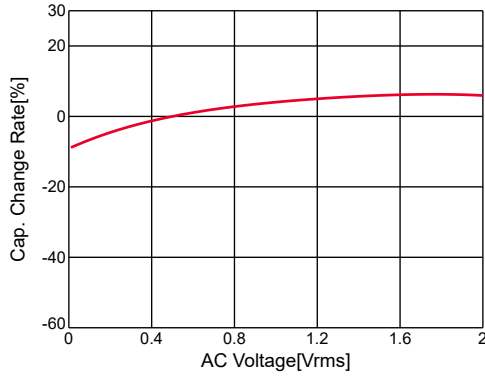
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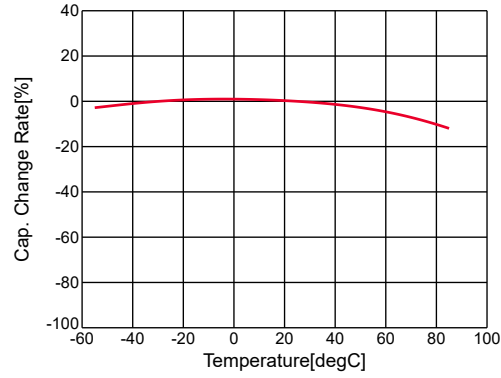
## Basic

### C-AC voltage(Cap Change)



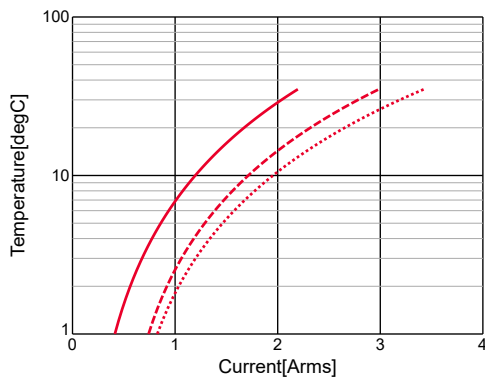
GRM155R60J824KE19#,C-AC Voltage,capchange, DC0V, 25.0degC

### C-Temp.(Cap Change)



GRM155R60J824KE19#,C-Temp.,capchange, DC0.0V, AC0.5Vrms

### Temp.rise



GRM155R60J824KE19#,Temp.rise

- 200kHz
- 500kHz
- 1MHz

### Attention

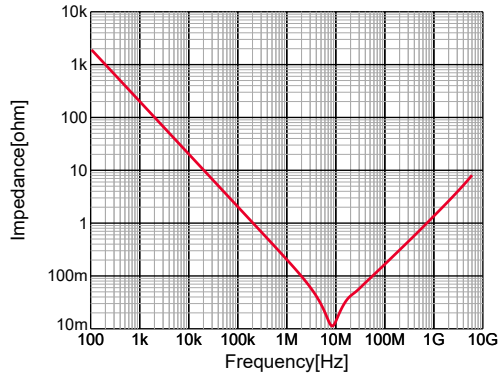
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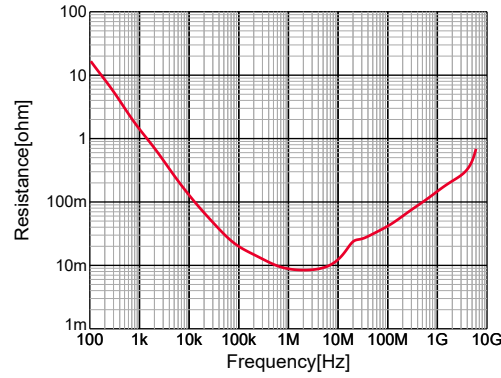
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## Frequency Characteristic

|Z|



R

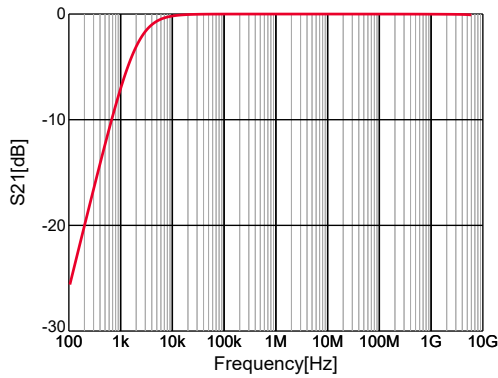


GRM155R60J824KE19#,|Z|,DC0V,25degC

GRM155R60J824KE19#,R,DC0V,25degC

## S-parameter

S21



GRM155R60J824KE19#,S21,DC0V,25degC,series

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