# GRM022R60J333ME15# "#" indicates a package specification code.









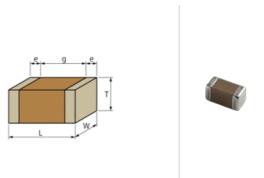






< List of part numbers with package codes > GRM022R60J333ME15L

## **Shape**



L W	
L size	0.4 ±0.02mm
W size	0.2 ±0.02mm
T size	0.2 ±0.02mm
External terminal width e	0.07 to 0.14mm
Distance between external terminals g	0.13mm min.
Size code in inch(mm)	01005 (0402M)

### **Notes**

Derating1



Packaging	Specifications	Minimum quantity
L	φ180mm Embossed taping	40000

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

# **Specifications**

Capacitance	33000pF ±20%
Rated voltage	6.3Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	±15.0%
Temperature range of temperature characteristics	-55 to 85°C
Operating temperature range	-55 to 85°C

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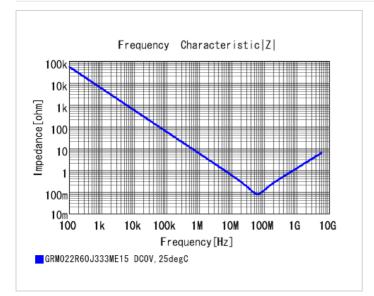
<sup>1.</sup> This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

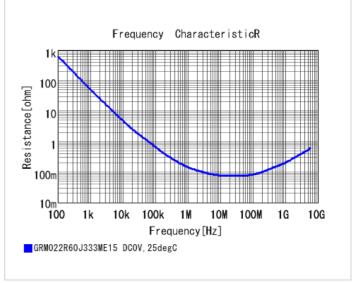
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

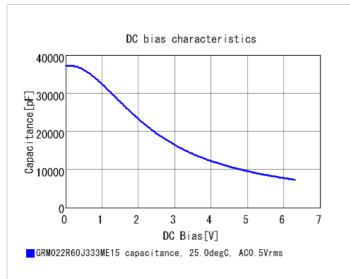


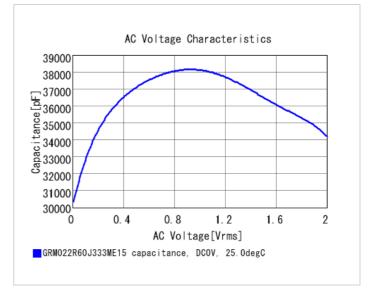
<sup>2.</sup> This datasheet has only typical specifications because there is no space for detailed specifications.

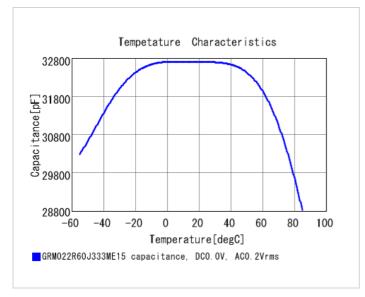
#### Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

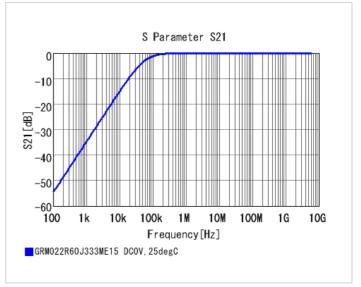












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### **Attention**

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