muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GRM022R60G105ME01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GRM022R60G105ME01%23

grm022r60g105me01#

"#"at the end indicates the package specification code.
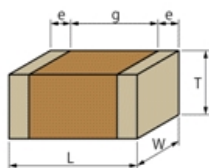
| In Production | RoHS | REACH | 85 °C max. | Reflow OK | Derating 1 | For only mobile devices |

< List of part numbers with package codes >

GRM022R60G105ME01L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Mobile Electronics 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.

Appearance & Shape

Notices

Derating1。 Only for mobile devices。 Measure capacitance after heat treatment

References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	40000

Mass (typ.)	
1 piece	0.09mg

Attention

1.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.

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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Specifications

Length	0.4±0.05mm
Width	0.2±0.05mm
Thickness	0.2±0.05mm
Capacitance	1.0μF ±20%
Distance between external terminals g	0.13mm min.
External terminal size e	0.07 to 0.155mm
Operating Temperature Range	-55℃ to 85℃
Rated Voltage	4Vdc
Size code in inch(mm)	01005 (0402M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55℃ to 85℃

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URL : https://www.murata.com/

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