GRM31CR60J227ME11# "#" indicates a package specification code.







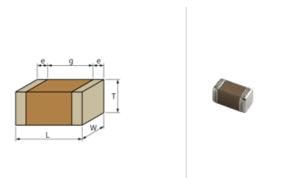






< List of part numbers with package codes > GRM31CR60J227ME11L , GRM31CR60J227ME11K

Shape



	L size	3.2 ±0.3mm
	W size	1.6 ±0.3mm
	Tsize	1.6 ±0.3mm
	External terminal width e	0.3 to 0.9mm
	Distance between external terminals g	1.5mm min.
	Size code in inch(mm)	1206 (3216M)

Notes

Measure capacitance after heat treatment. Derating1

References

Packaging	Specifications	Minimum quantity
L	ф180mm Embossed taping	2000
К	ф330mm Embossed taping	6000

Mass (typ.)	Mass (typ.)	
1 piece	64mg	
ф180mm Reel	169g	

Specifications

Capacitance	220μF ±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

1 of 1



^{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.

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



^{2.} This datasheet has only typical specifications because there is no space for detailed specifications.