GRM188R71E223KA01# "#" indicates a package specification code.









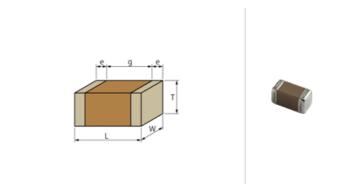






< List of part numbers with package codes > GRM188R71E223KA01D , GRM188R71E223KA01J

Shape



L size	1.6 ±0.1mm
W size	0.8 ±0.1mm
Tsize	0.8 ±0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.5mm min.
Size code in inch(mm)	0603 (1608M)

References

Packaging	Specifications	Minimum quantity
D	ф180mm Paper taping	4000
J	ф330mm Paper taping	10000

Mass (typ.)	
1 piece	6.3mg
φ180mm Reel	144g

Specifications

Capacitance	22000pF±10%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	±15.0%
Temperature range of temperature characteristics	-55 to 125°C
Operating temperature range	-55 to 125°C

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