



< List of part numbers with package codes >

GRM033R61A225KE47D , GRM033R61A225KE47J

## Shape

L size	0.6 ±0.09mm
W size	0.3 ±0.09mm
T size	0.3 ±0.09mm
External terminal width e	0.1 to 0.25mm
Distance between external terminals g	0.2mm min.
Size code in inch(mm)	0201 (0603M)

## Notes

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

## References

Packaging	Specifications	Minimum quantity
D	φ180mm Paper taping	15000
J	φ330mm Paper taping	50000

Mass (typ.)	
1 piece	0.33mg
φ180mm Reel	118g

## Specifications

Capacitance	2.2μF ±10%
Rated voltage	10Vdc
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

### Attention

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