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## Chip Monolithic Ceramic Capacitors for General Purpose

▶ Please be sure to read here, before using a product. ▶ Cautions about imitations

# GRM188R61E474KA12# "#" indicates a package specification code.

In Production  [Smaller items available](#)





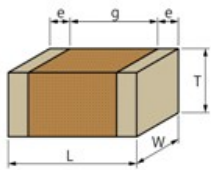




< List of part numbers with package codes >

GRM188R61E474KA12D、GRM188R61E474KA12J

## Shape



L size	1.6 ±0.1mm
W size	0.8 ±0.1mm
T size	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)

## Specifications

Capacitance	0.47µF ±10%
Rated voltage	25Vdc
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

## References

Packaging	Specifications	Minimum quantity
D	φ180mm Paper taping	4000
J	φ330mm Paper taping	10000


### Mass (typ.)

1 piece	6.3mg
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[How to read part numbers](#) 


[Series Information](#) 


### Specifications


[Detailed specifications sheet](#) 

- Rated value
- Specifications and Test methods
- Package
- Caution, Notice (Storage, Soldering and Mounting, ...etc.)

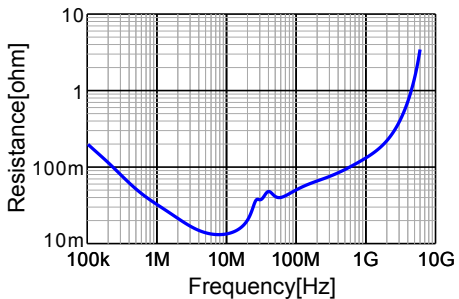
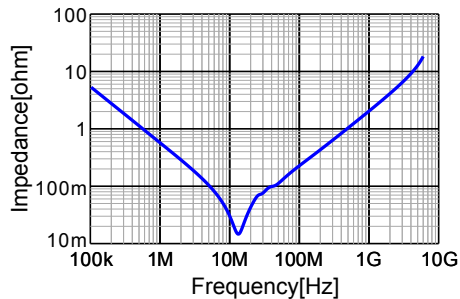
### Product data



[SPICE Netlist \(mod type\)](#) 

[S parameter \(S2P type\)](#) 

[Reliability test data \(Typical data\)](#) 

### Chart of characteristic data



 [Go to the detailed chart](#) 

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