

GRM188R61E225MA12#

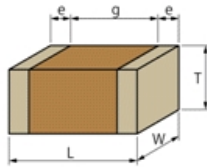
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188R61E225MA12D GRM188R61E225MA12J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

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

Attention

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Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	2.2µF ±20%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	25Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55°C to 85°C

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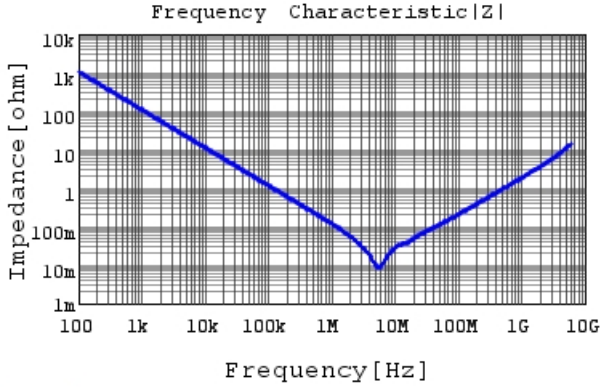
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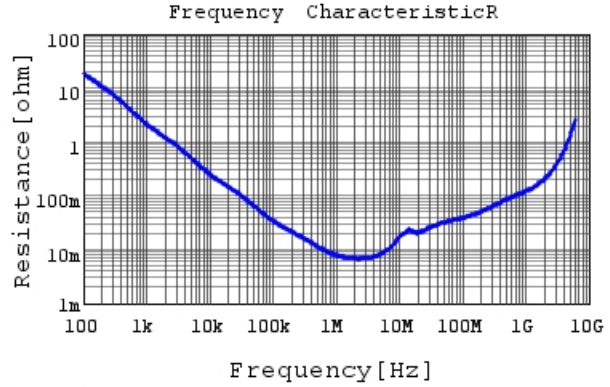


Characteristic Data

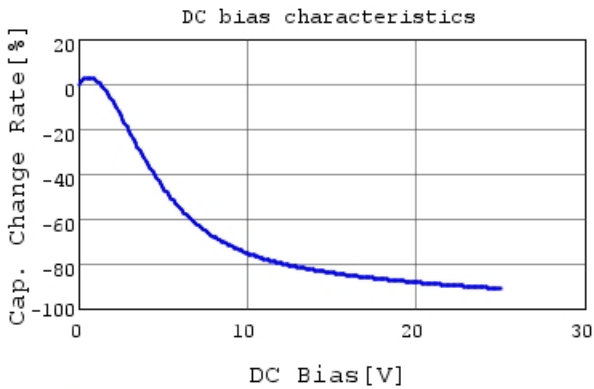
The charts below may show another part number which shares its characteristics.



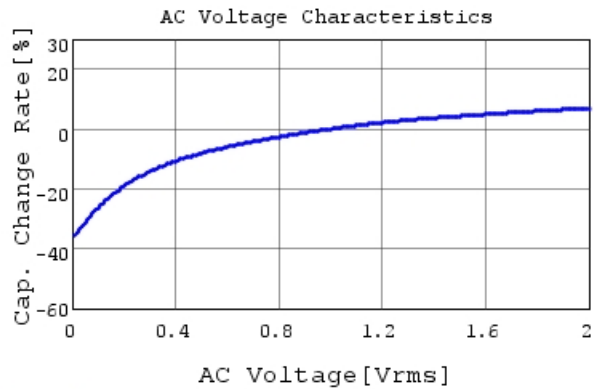
GRM188R61E225MA12 |Z| DCOV,25degC



GRM188R61E225MA12 R DCOV,25degC



GRM188R61E225MA12 C-DC bias capchange, 25.0c



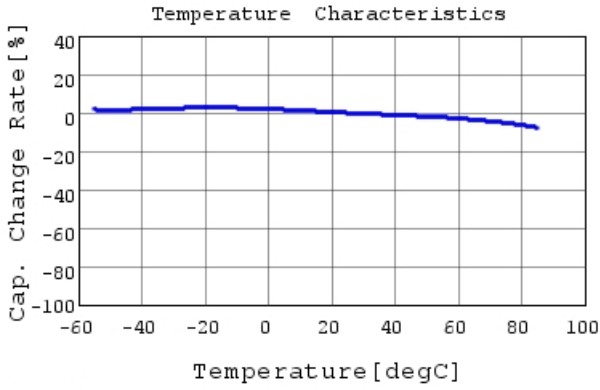
GRM188R61E225MA12 C-AC Voltage capchange, Dc

Attention

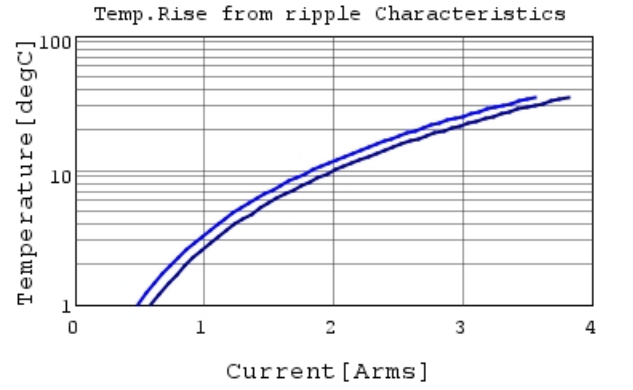
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GRM188R61E225MA12 C-Temp. capchange, DCO.OV,



GRM188R61E225MA12 Temp.rise 500kHz

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