

GRM188C81E475KE11#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188C81E475KE11J GRM188C81E475KE11D

Appearance & Shape



References

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

Mass (typ.)	
1 piece	9.1mg
φ180mm Reel	166g

Notices

Derating1

Attention

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Specifications

Length	1.6±0.2mm
Width	0.8±0.2mm
Thickness	0.8±0.2mm
Capacitance	4.7µF ±10%
Distance between external terminals g	0.6mm min.
External terminal size e	0.2 to 0.55mm
Operating Temperature Range	-55°C to 105°C
Rated Voltage	25Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±22.0%
Temperature characteristics (complied standard)	X6S(EIA)
Temperature range of temperature characteristics	-55°C to 105°C

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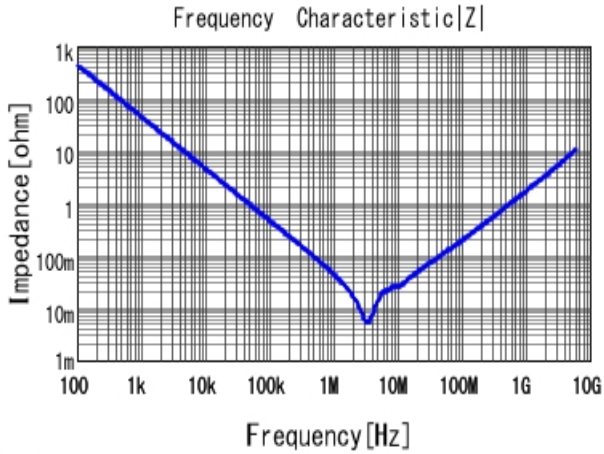
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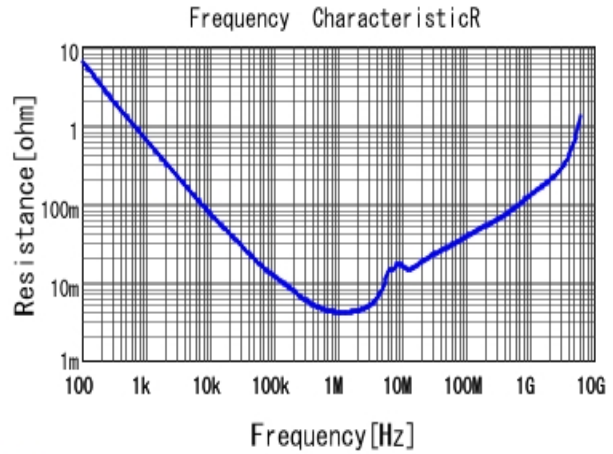
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Characteristic Data

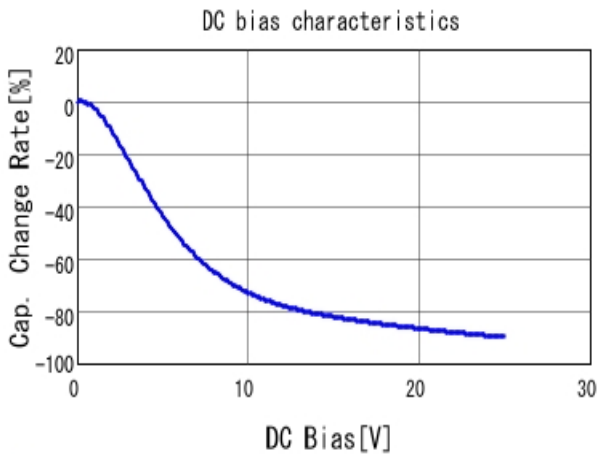
The charts below may show another part number which shares its characteristics.



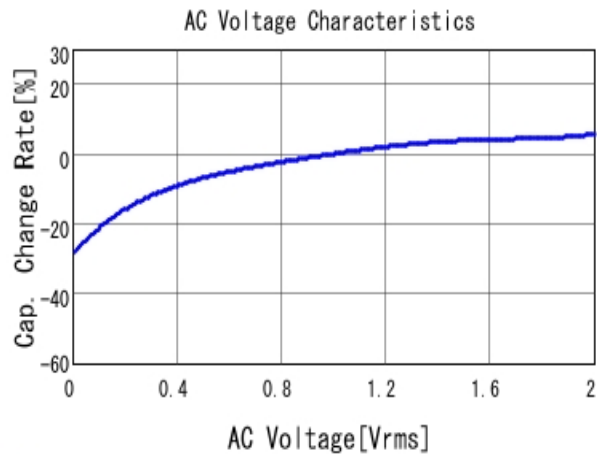
■ GRM188C81E475KE11 |Z| DCOV, 25degC



■ GRM188C81E475KE11 R DCOV, 25degC



■ GRM188C81E475KE11 C-DC bias capchange, 25.0degC, AC1V



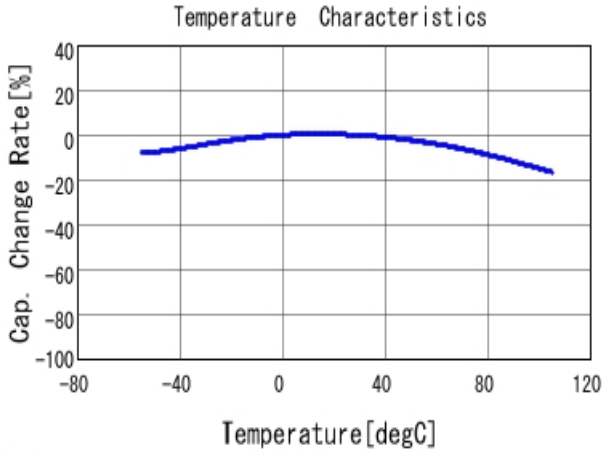
■ GRM188C81E475KE11 C-AC Voltage capchange, DCOV, 25.0d

Attention

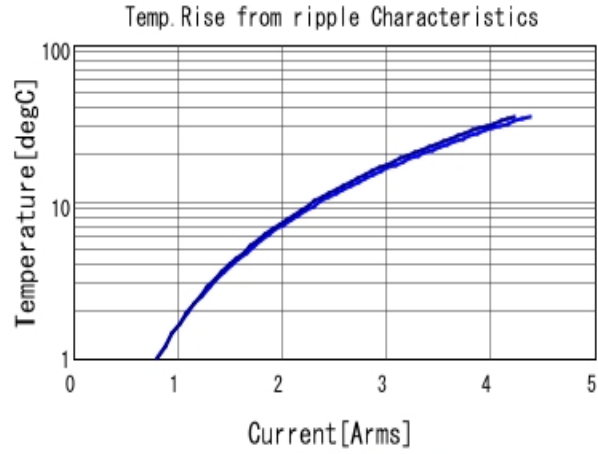
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■ GRM188C81E475KE11 C-Temp. capchange, DCO. 0V, ACO. 5V_{rm}



GRM188C81E475KE11 Temp. rise ■ 500kHz ■ 1MHz

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