

# GRT188R61E475KE13#

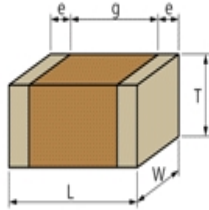
“#” indicates a package specification code.



< List of part numbers with package codes >

GRT188R61E475KE13J      GRT188R61E475KE13D

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	10000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	8.1mg
φ180mm Reel	154g

## Notices

Derating1

### Attention

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## Specifications

Length	1.6±0.15mm
Width	0.8±0.15mm
Thickness	0.8±0.15mm
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 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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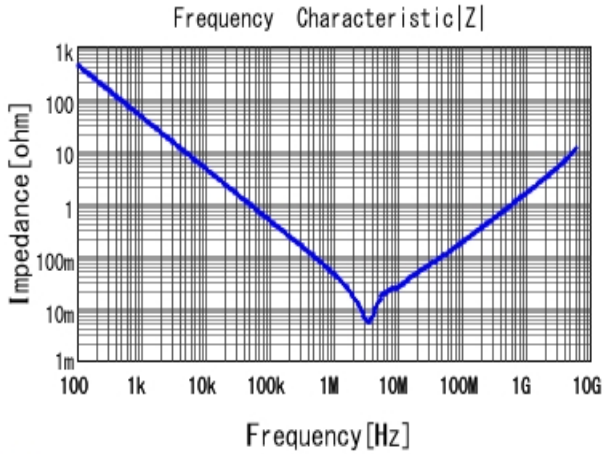
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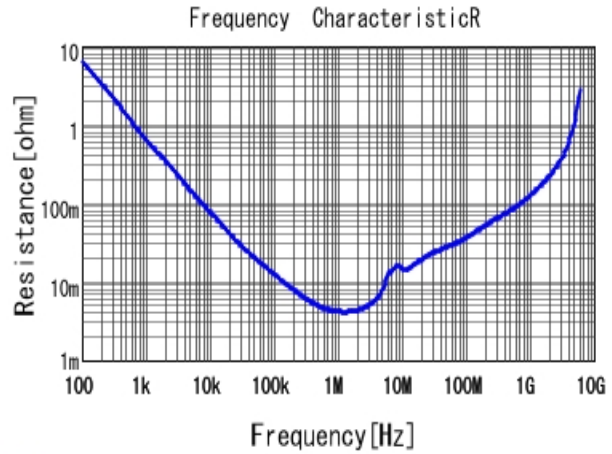


## Characteristic Data

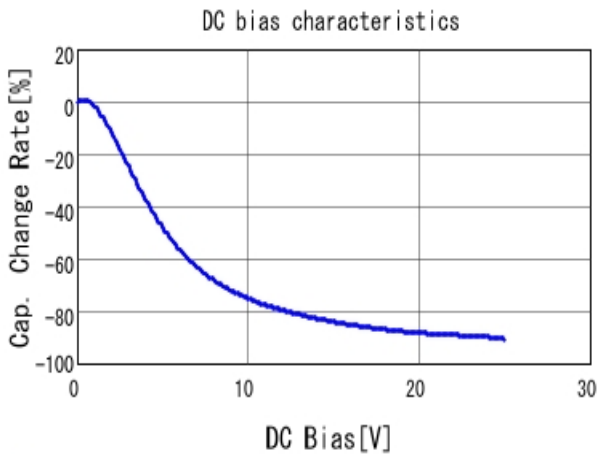
The charts below may show another part number which shares its characteristics.



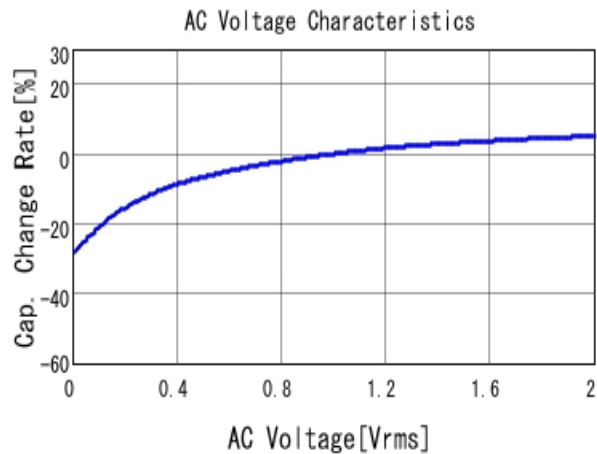
■ GRT188R61E475KE13 |Z| DCOV, 25degC



■ GRT188R61E475KE13 R DCOV, 25degC



■ GRT188R61E475KE13 C-DC bias capchange, 25.0degC, AC1V



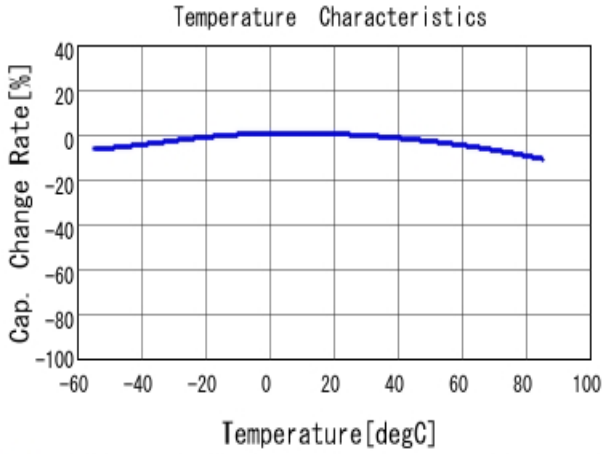
■ GRT188R61E475KE13 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

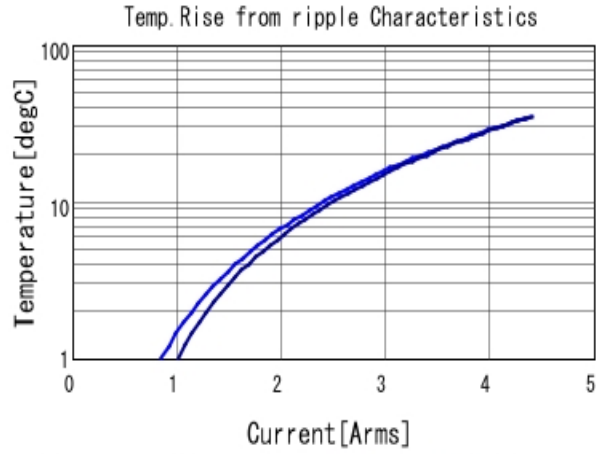
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■ GRT188R61E475KE13 C-Temp. capchange, DCO. 0V, ACO. 5V<sub>rm</sub>



■ GRT188R61E475KE13 Temp. rise ■ 500kHz ■ 1MHz

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