# Capacitor Data Sheet

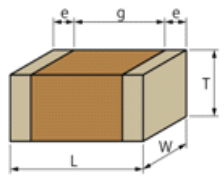
# GRT155R61E105KE01#

"#" indicates a package specification code.

In Production | Info-tainment | AEC-Q200 | 85 °C max. | Reflow OK | RoHS | REACH | Derating 1

< List of part numbers with package codes >
GRT155R61E105KE01D , GRT155R61E105KE01W , GRT155R61E105KE01J

## Shape



| | |
|---|---|
| L size | 1.0 ±0.05mm |
| W size | 0.5 ±0.05mm |
| T size | 0.5 ±0.05mm |
| External terminal width e | 0.15 to 0.35mm |
| Distance between external terminals g | 0.3mm min. |
| Size code in inch(mm) | 0402 (1005M) |

## Notes

Derating1

## References

| Packaging | Specifications | Minimum quantity |
|---|---|---|
| D | φ180mm Paper taping | 10000 |
| J | φ330mm Paper taping | 50000 |
| W | φ180mm Paper taping (W8P1*)<br>* Width : 8mm, Pocket pitch : 1mm | 20000 |

| Mass (typ.) | |
|---|---|
| 1 piece | 1.6mg |
| φ180mm Reel | 118g |

## Specifications

| | |
|---|---|
| Capacitance | 1.0μF ±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 |

Xin Yong Li



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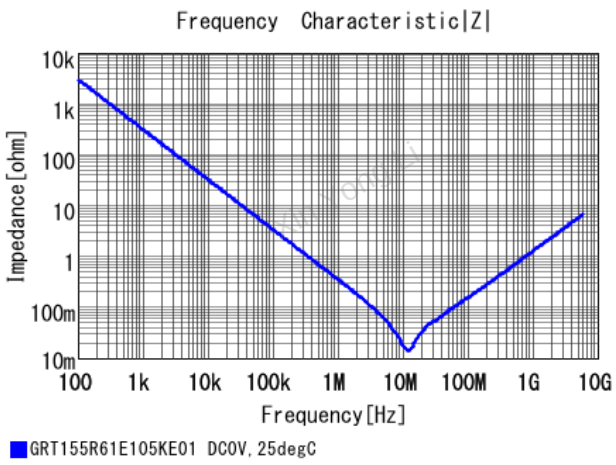
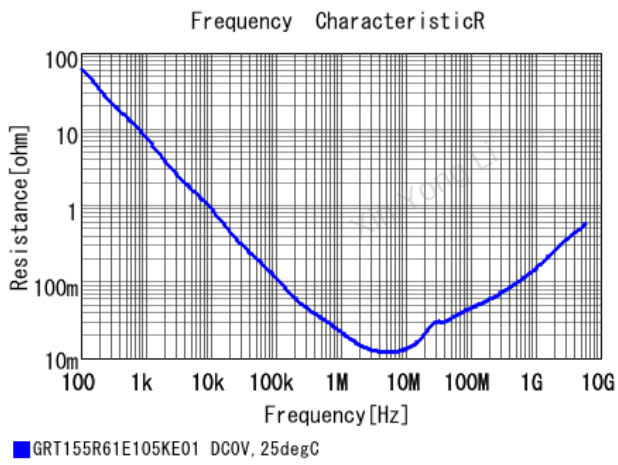
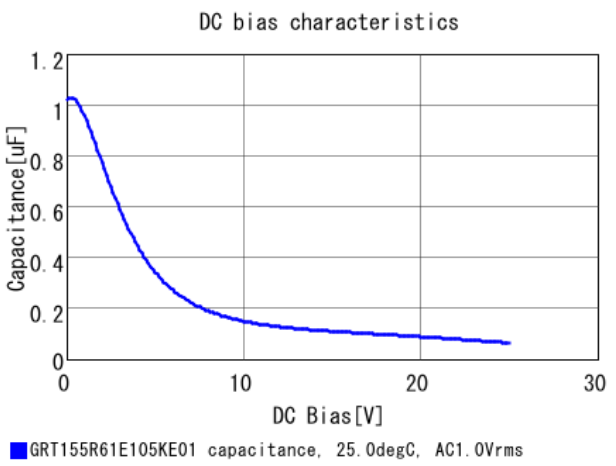
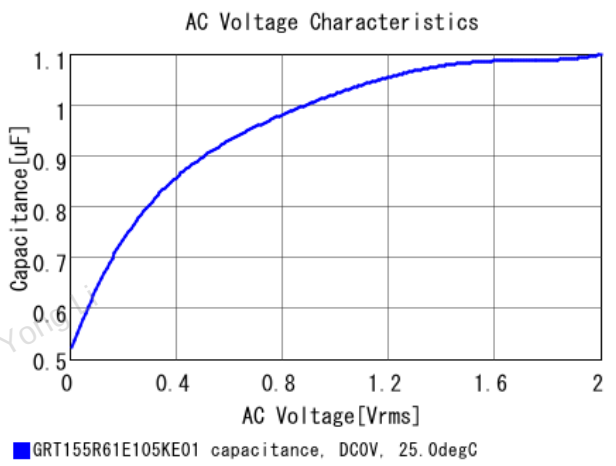
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

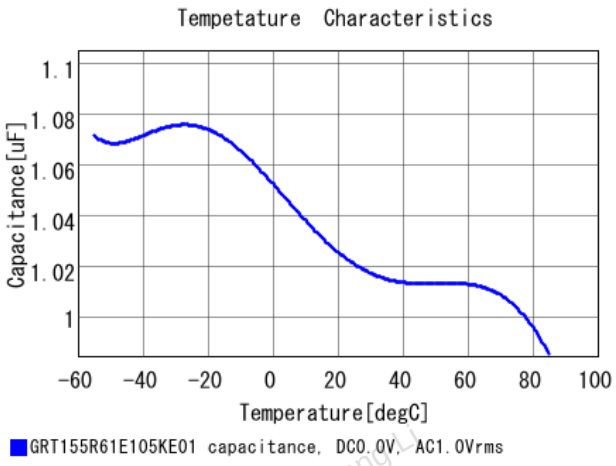
**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

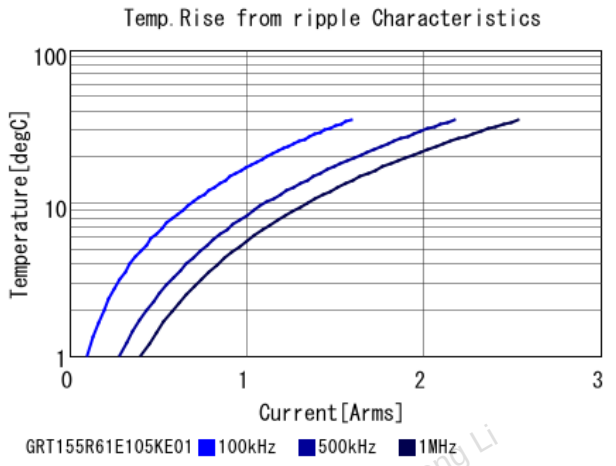


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