

Soft Termination MLCC for Automotive / Industrial Applications

UMJ107AB7102MAHT



■ Features

- Item Summary
1000pF±20%, 50V,
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 3000pcs

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 1000 pF ± 20 % |
| Case Size (EIA/JIS) | 0603/1608 |
| Rated Voltage | 50 V |
| tan δ (max) | 3.5 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 200 % |
| Insulation Resistance (min) | 10 GΩ |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (173 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|--------------------|
| Dimension L | 1.6 +0.15/-0.05 mm |
| Dimension W | 0.8 +0.15/-0.05 mm |
| Dimension T | 0.8 +0.15/-0.05 mm |
| Dimension e | 0.35 +0.3/-0.25 mm |

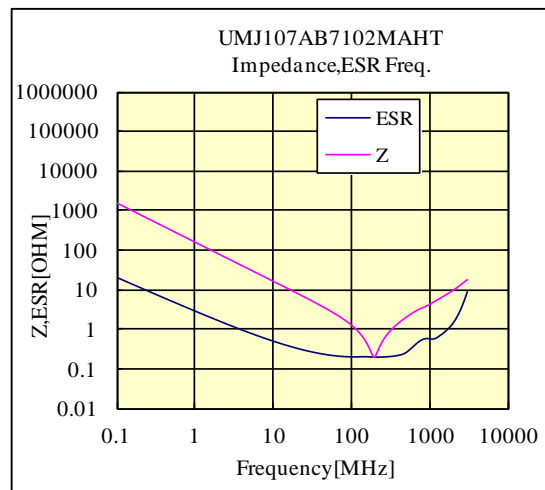
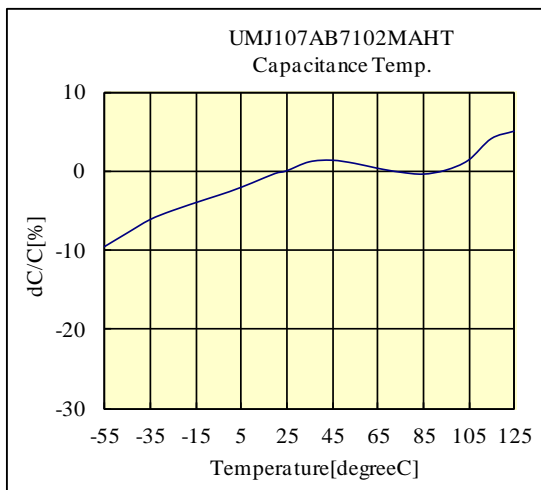
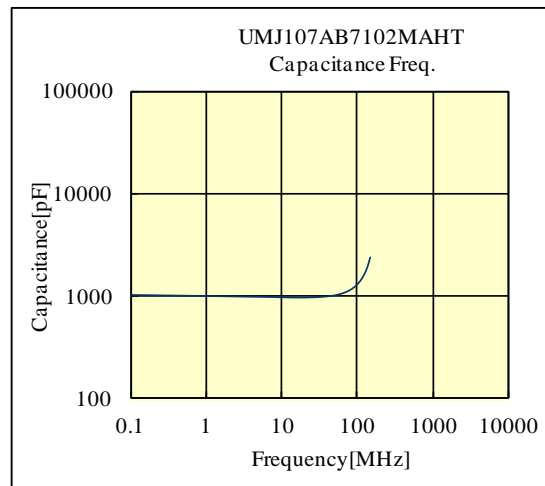
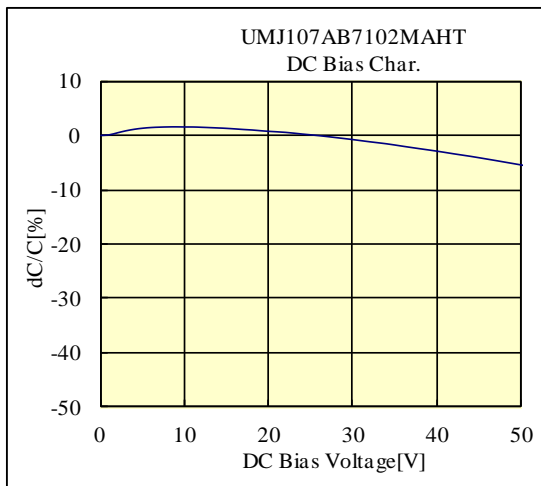
2017.04.30

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

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50V 1608 X7R 1000pF +/- 20% t=0.95mmMAX

50V 0603 X7R 1000pF +/- 20% t=0.037inchMAX



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