

Soft Termination MLCC for Automotive / Industrial Applications

UMJ107BB7103MAHT



■ Features

- Item Summary
0.01 uF ± 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	0.01 uF ± 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)	100 MΩ · μF
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.6 +0.20/-0.00 mm
Dimension W	0.8 +0.20/-0.00 mm
Dimension T	0.8 +0.20/-0.00 mm
Dimension e	0.35 +0.3/-0.25 mm

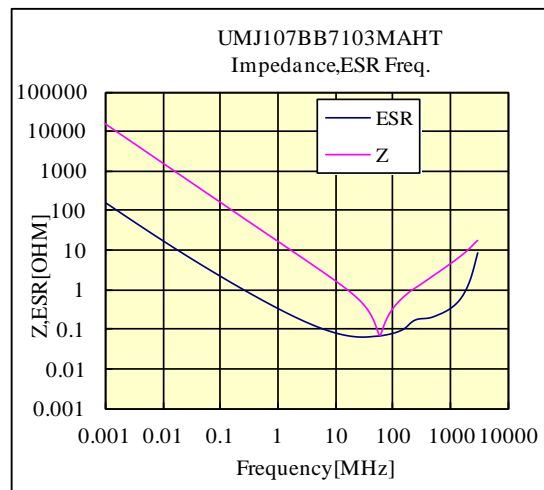
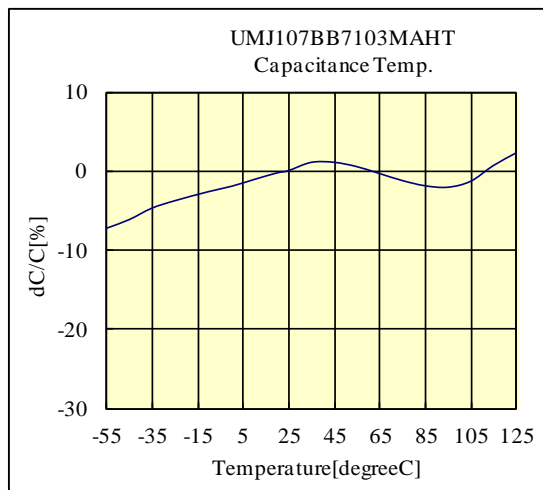
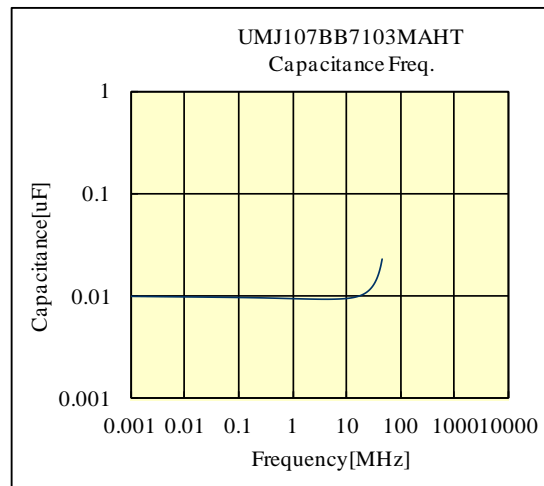
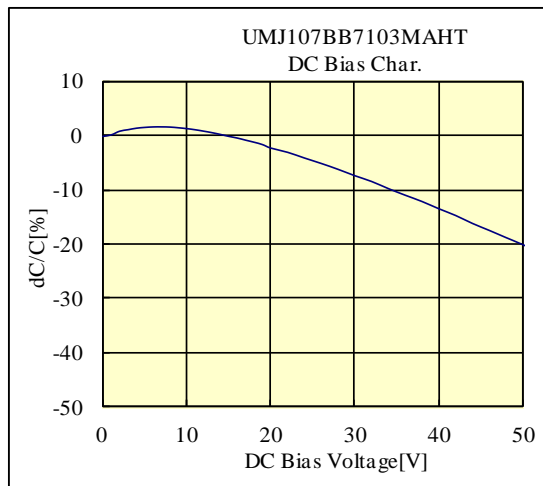
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

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50V 1608 X7R 0.01 μ F +/- 20% t=1.0mmMAX

50V 0603 X7R 0.01 μ F +/- 20% t=0.039inchMAX



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