

## Soft Termination MLCC for Automotive / Industrial Applications

### UMJ107BB7104KAHT



#### ■ Features

- Item Summary  
0.1 $\mu$ F $\pm$ 10%, 50V,  
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping paper 3000pcs

#### ■ Products characteristics table

Capacitance	0.1 $\mu$ F $\pm$ 10 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	50 V
$\tan \delta$ (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 M $\Omega$ · $\mu$ F
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

2017.04.30

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
 Before making final selection, please check product specification.

# Multi Layer Ceramic Capacitor

# TAIYO YUDEN

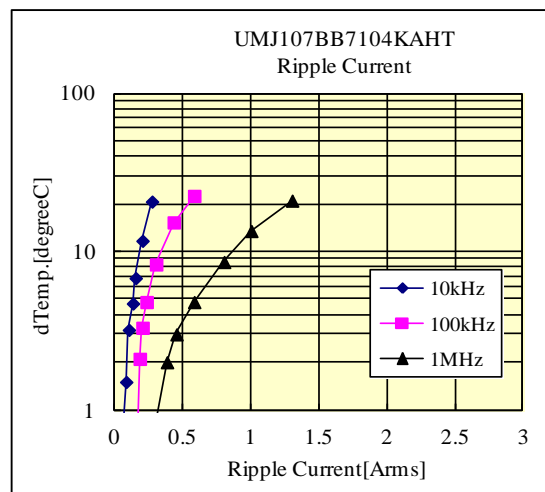
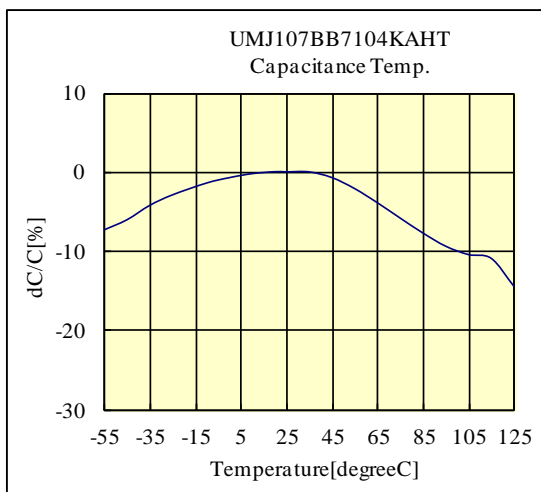
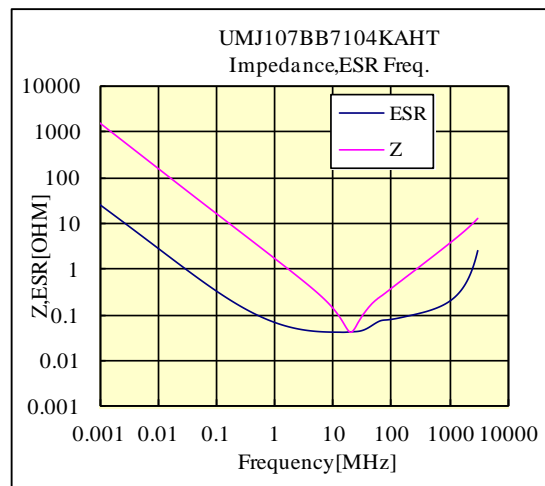
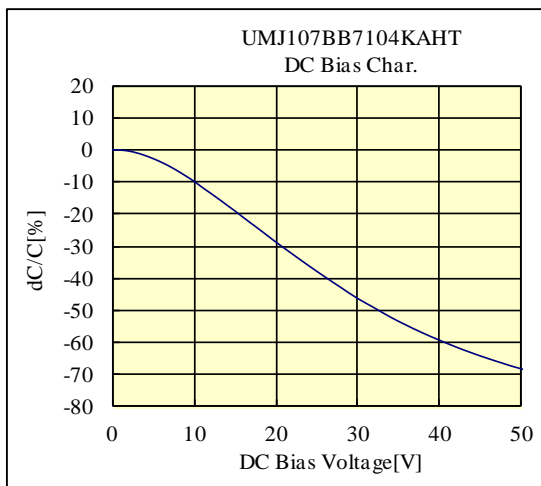
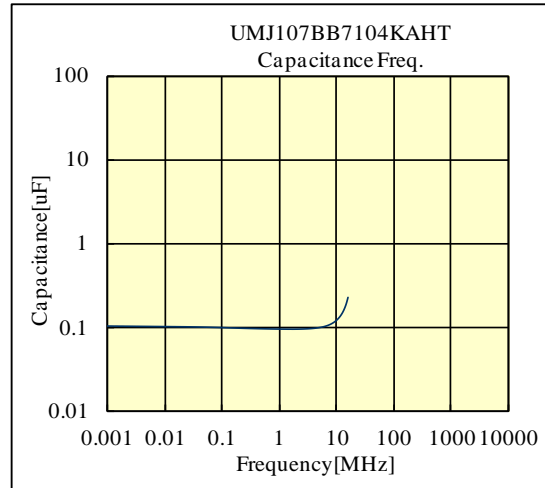
-Electrical Characteristics Data-

15U1A10

RoHS compliance product

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**50V 1608 X7R 0.1 $\mu$ F +/- 10% t=1.0mmMAX**  
**50V 0603 X7R 0.1 $\mu$ F +/- 10% t=0.039inchMAX**



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