

## Low Distortion High Value Multilayer Ceramic Capacitors(CF\_LD)

## TMK107BLD105MA-T



## ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 25V,  
X5R, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

## ■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	25 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M $\Omega$ · $\mu$ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (191 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 $\pm$ 0.25 mm

2019.04.22

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

# Multi Layer Ceramic Capacitor

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-Electrical Characteristics Data-

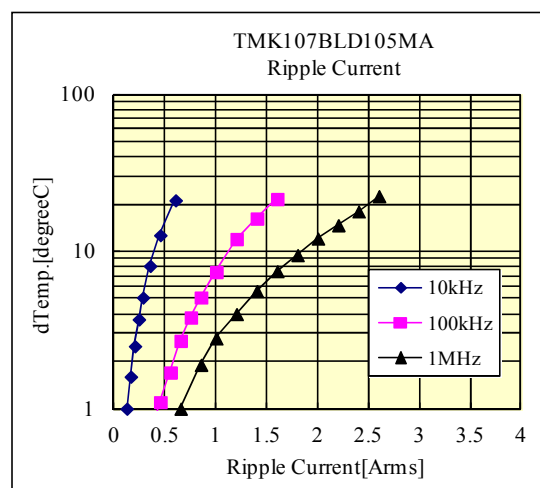
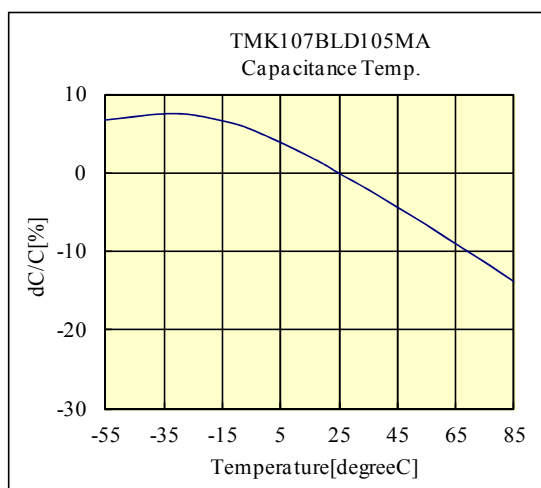
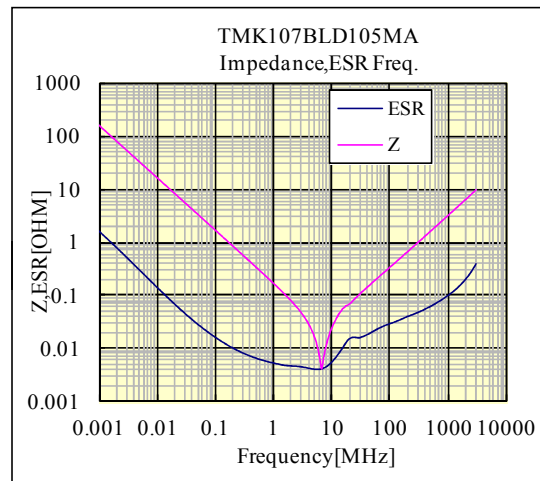
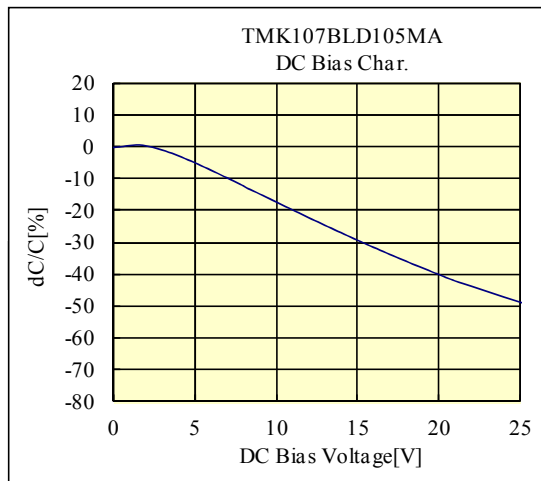
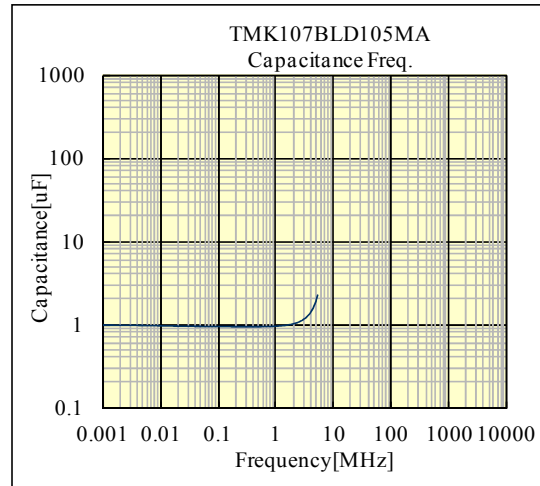
16CWA02

RoHS compliance product

## ○TMK107BLD105MA

25V 1608 X5R 1 $\mu$ F  $\pm$  20%  $t=1.0\text{mm}$ MAX

25V 0603 X5R 1 $\mu$ F  $\pm$  20%  $t=0.039\text{inch}$ MAX



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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment\*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).

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