

Spec Sheet

MLCC (High dielectric type) for Telecommunications Infrastructure and Industrial Equipment / Medical Devices

UMK107ABJ105MA8T



■ Features

- Item Summary
1 μ F \pm 20%, 50V,
X5R, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

Capacitance	1 μ F \pm 20 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	50 V
tan δ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 $^{\circ}$ C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	500 M Ω · μ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 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 \pm 0.25 mm

2021.07.01

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

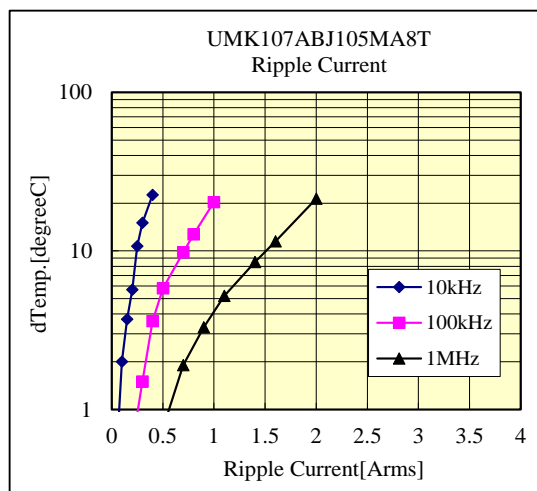
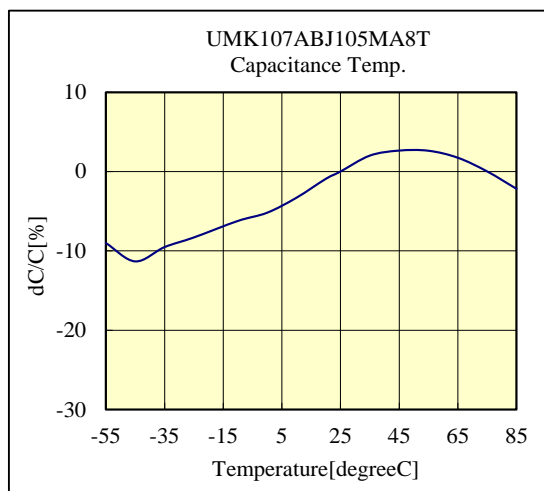
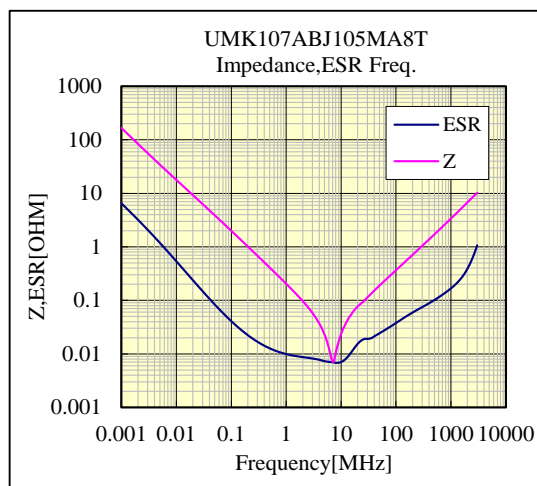
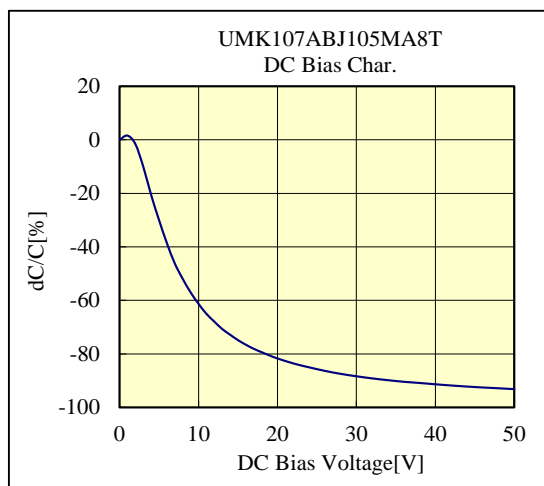
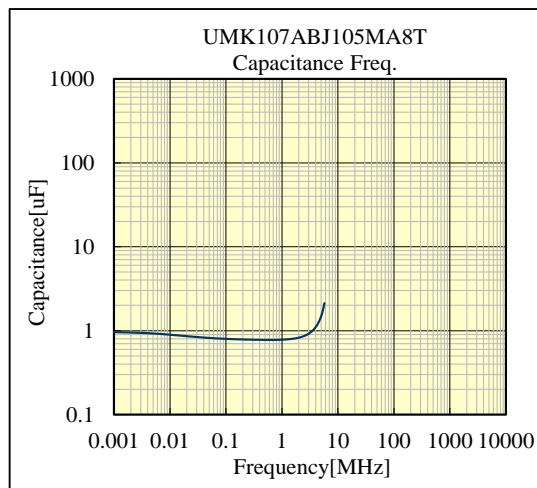
-Electrical Characteristics Data-

20R2A09

RoHS compliance product

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50V 1608 X5R 1uF +/- 20% t=0.95mmMAX
50V 0603 X5R 1uF +/- 20% t=0.037inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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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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单击下面可查看定价，库存，交付和生命周期等信息

[>>Taiyo Yuden\(太阳诱电\)](#)