

Spec Sheet

MLCC (High dielectric type) for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications

UMK325BJ105MHHT



■ Features

- Item Summary
1 μ F \pm 20%, 50V,
X5R, 1210/3225 (EIA/JIS)
- Lifecycle Stage
Non-preferred
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Capacitance	1 μ F \pm 20 %
Case Size (EIA/JIS)	1210/3225
Rated Voltage	50 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
High Temperature Loading (% Rated Voltage)	200 %
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	3.2 \pm 0.30 mm
Dimension W	2.5 \pm 0.20 mm
Dimension T	1.5 \pm 0.10 mm
Dimension e	0.60 \pm 0.30 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-

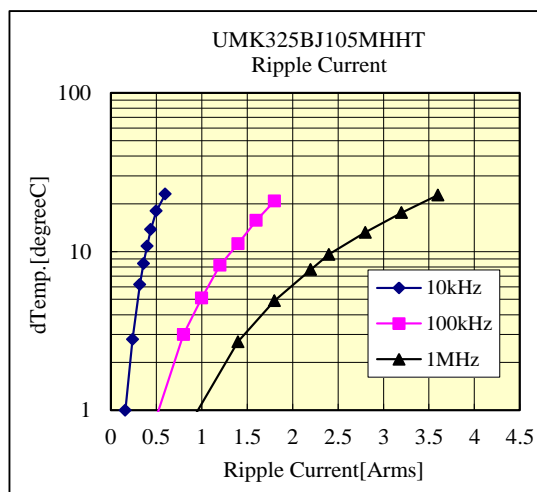
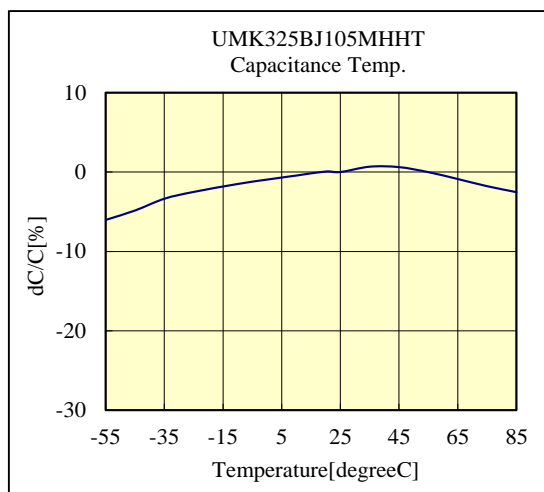
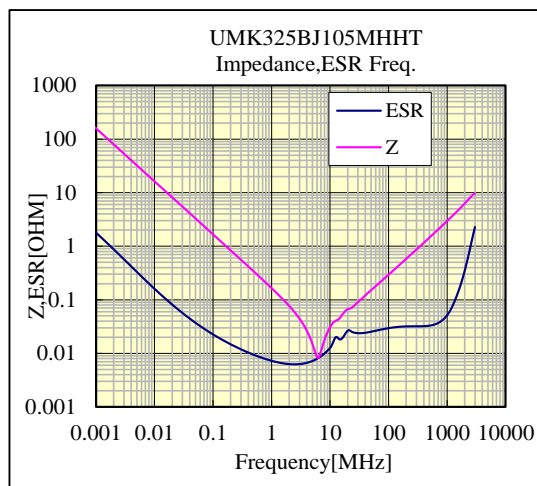
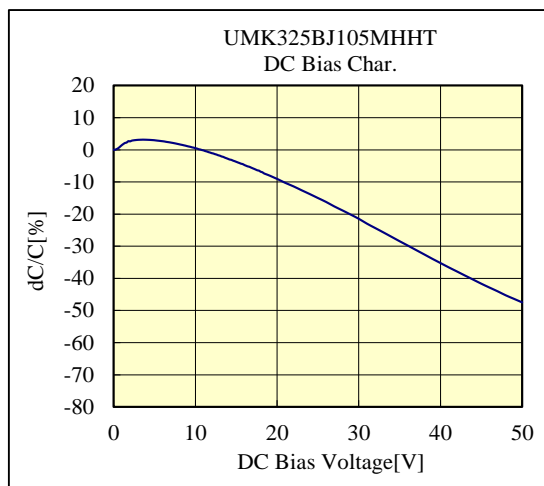
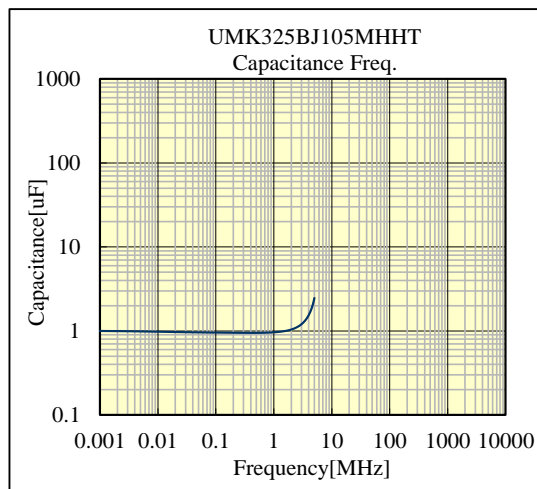
17QA12

RoHS compliance product

○UMK325BJ105MHHT

50V 3225 X5R 1uF +/- 20% t=1.6mmMAX

50V 1210 X5R 1uF +/- 20% t=0.063inchMAX



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