

Spec Sheet

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

EMK212BJ105KDHT



■ Features

- Item Summary
1 μ F $\pm$ 10%, 16V,
X5R, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

Capacitance	1 μ F $\pm$ 10 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	16 V
$\tan \delta$ (max)	5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	100 M Ω · μ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (205 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	2.0 $\pm$ 0.10 mm
Dimension W	1.25 $\pm$ 0.10 mm
Dimension T	0.85 $\pm$ 0.10 mm
Dimension e	0.50 $\pm$ 0.25 mm

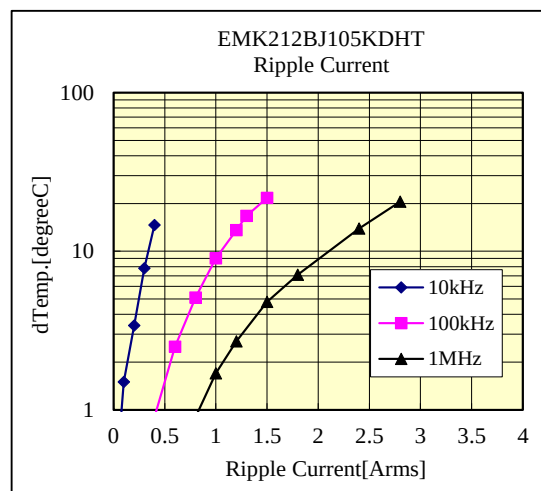
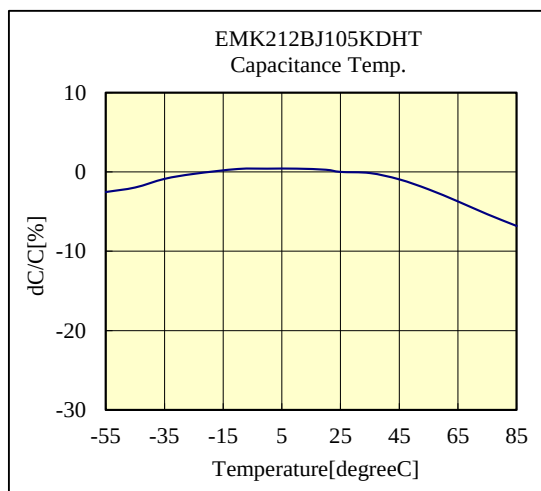
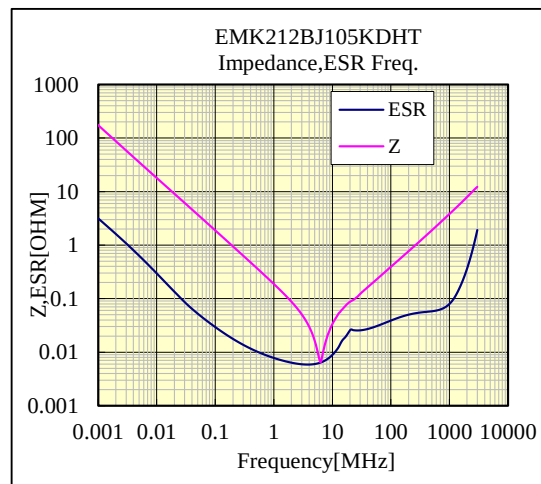
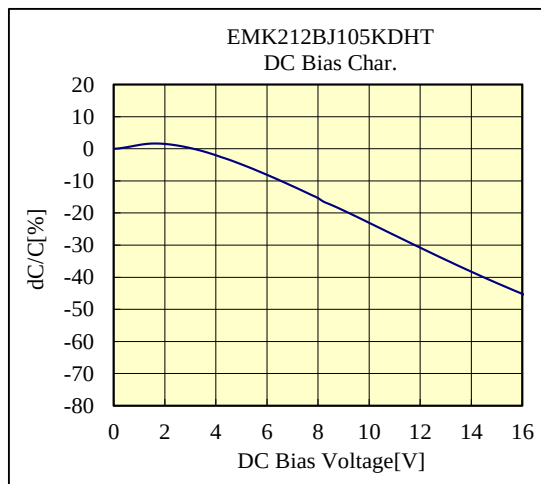
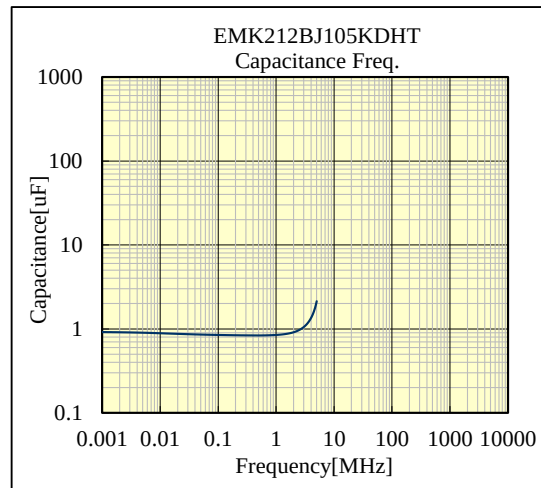
2020.05.02

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.

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16V 2012 X5R 1 μ F +/- 10% t=0.95mmMAX

16V 0805 X5R 1 μ F +/- 10% t=0.037inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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