

Spec Sheet

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

EMK325BJ106MNHT



■ Features

- Item Summary
10uF $\pm$ 20%, 16V,
X5R, 1210/3225 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Capacitance	10 uF $\pm$ 20 %
Case Size (EIA/JIS)	1210/3225
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)	150 %
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	3.2 $\pm$ 0.30 mm
Dimension W	2.5 $\pm$ 0.20 mm
Dimension T	1.9 $\pm$ 0.20 mm
Dimension e	0.60 $\pm$ 0.30 mm

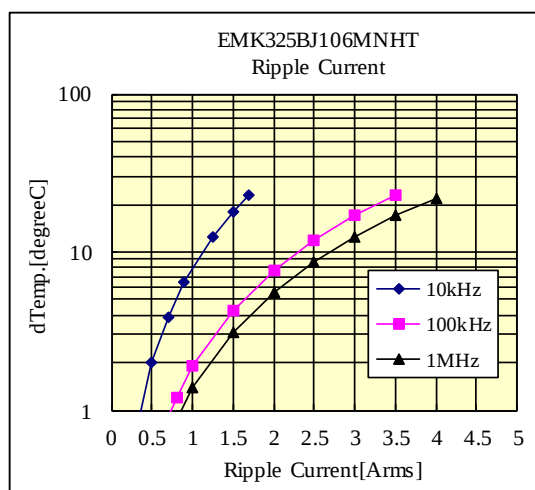
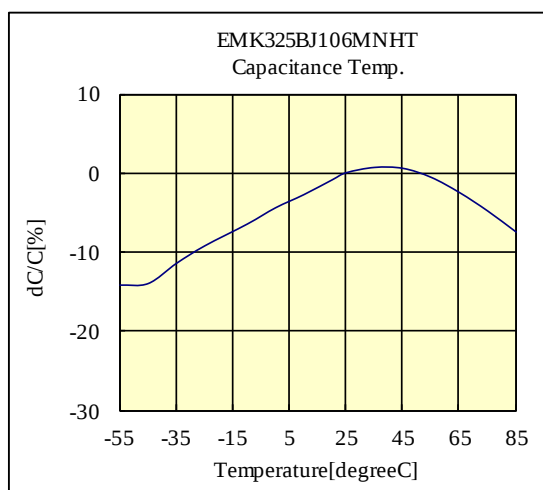
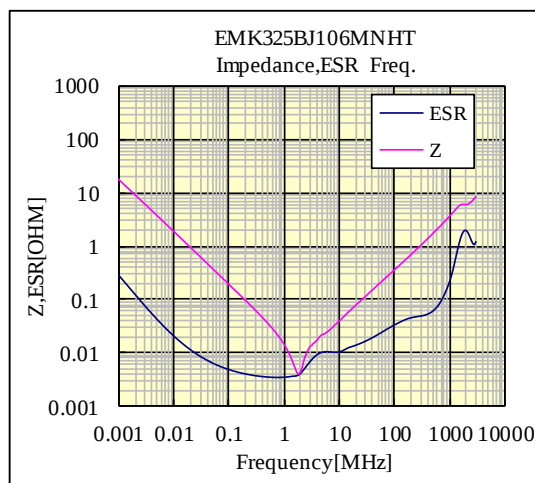
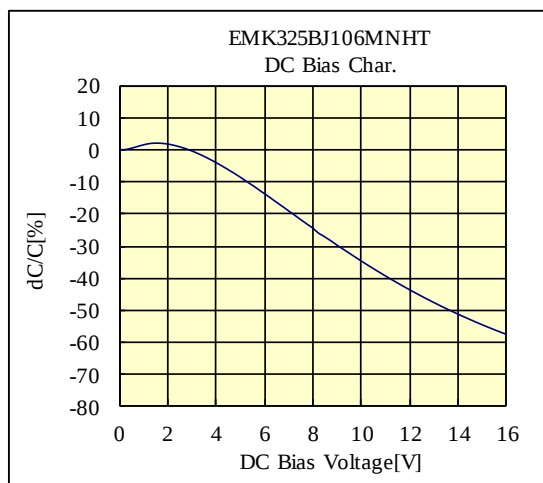
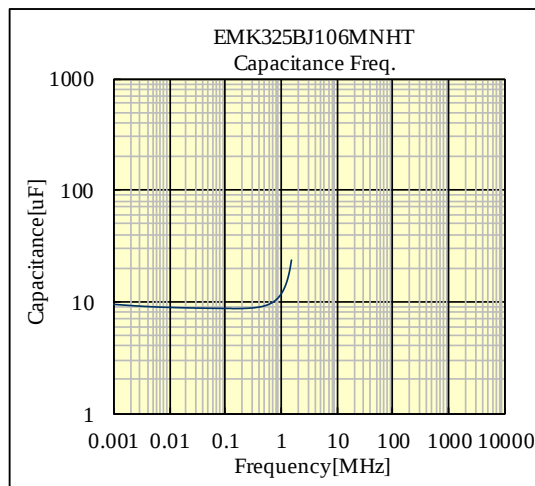
2020.05.02

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 3225 X5R 10uF +/- 20% t=2.1mmMAX

16V 1210 X5R 10uF +/- 20% t=0.083inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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