

# Spec Sheet

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

## EMK316BJ225KLHT



### ■ Features

- Item Summary  
2.2 $\mu$ F $\pm$ 10%, 16V,  
X5R, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

### ■ Products characteristics table

Capacitance	2.2 $\mu$ F $\pm$ 10 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	16 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 $\Omega$ · $\mu$ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

### ■ External Dimensions

Dimension L	3.2 $\pm$ 0.15 mm
Dimension W	1.6 $\pm$ 0.15 mm
Dimension T	1.6 $\pm$ 0.20 mm
Dimension e	0.50 +0.35/-0.25 mm

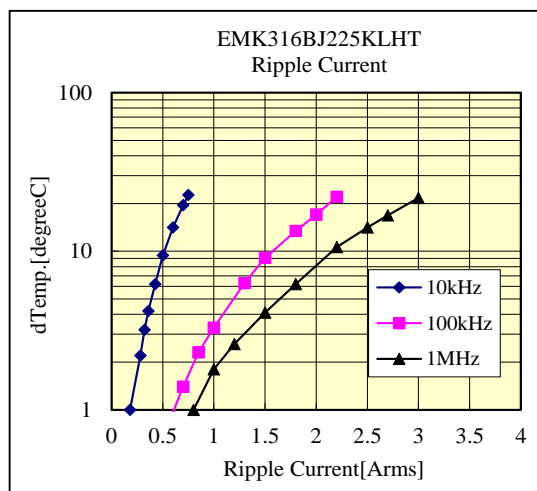
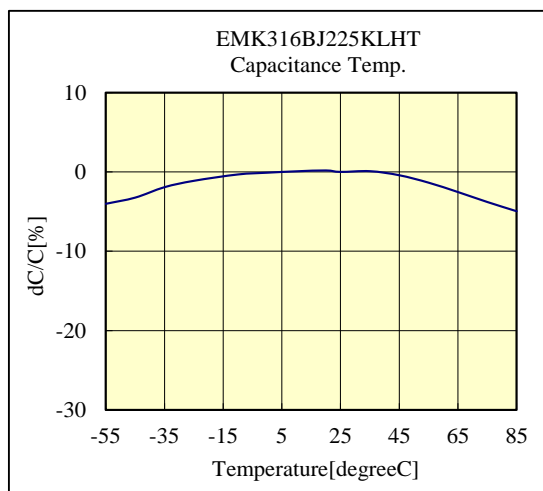
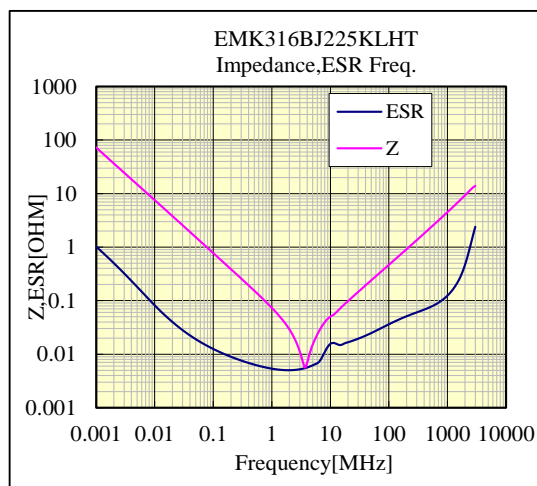
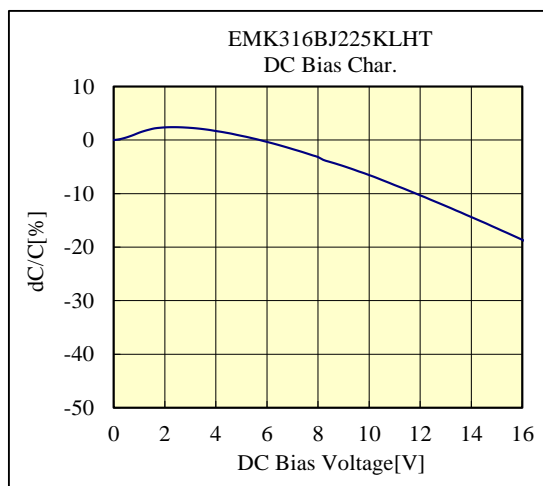
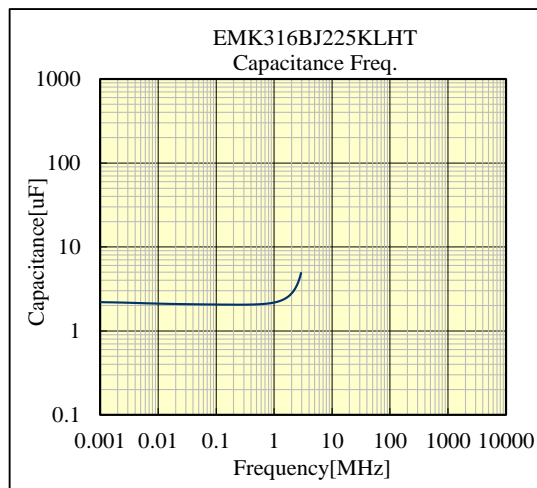
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TAIYO YUDEN reserves the right to make change to the data at any time without notice.  
Before making final selection, please check product specification.

2021.07.01

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**16V 3216 X5R 2.2 $\mu$ F +/- 10% t=1.8mmMAX**

**16V 1206 X5R 2.2 $\mu$ F +/- 10% t=0.071inchMAX**



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Before making final selection, please check product specification.

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