

Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive (BODY & CHASSIS, INFOTAINMENT) / Industrial Applications

EMK316BJ106MLHT



■ Features

- Item Summary
10 μ F \pm 20%, 16V,
X5R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Capacitance	10 μ F \pm 20 %
Case Size (EIA/JIS)	1206/3216
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
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (181 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

2018.10.18

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

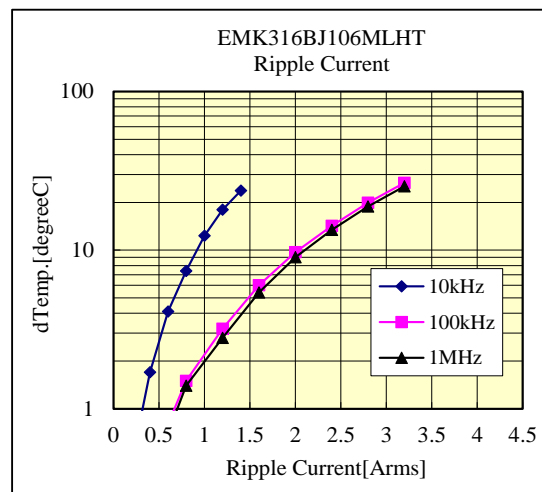
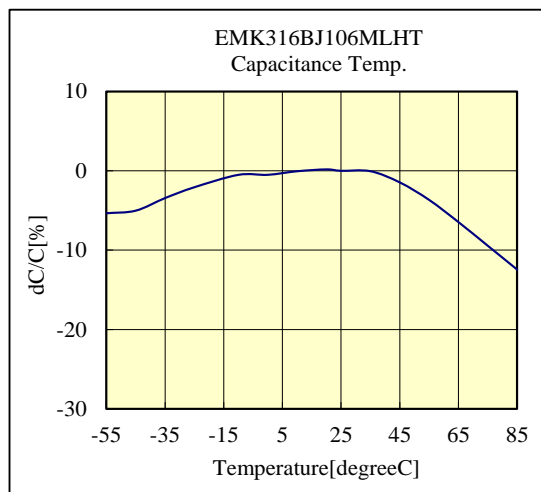
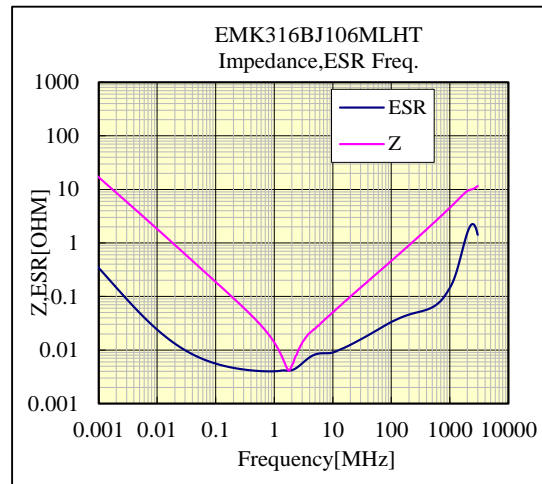
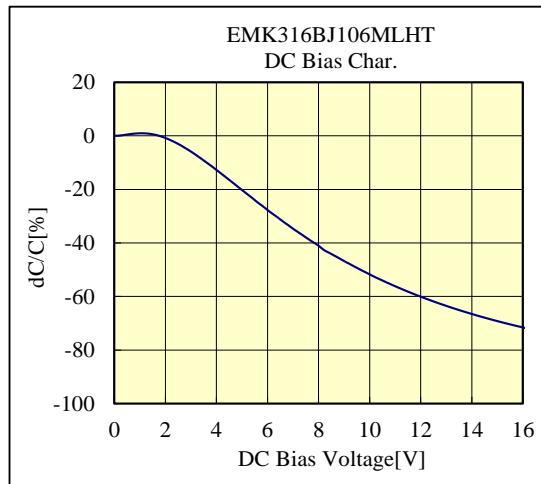
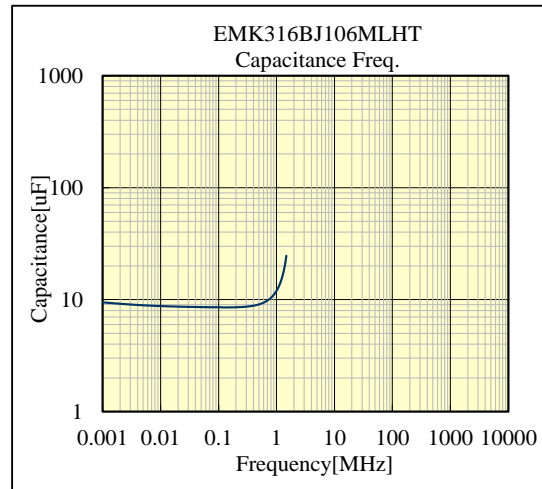
-Electrical Characteristics Data-

17HA08

RoHS compliance product

○EMK316BJ106MLHT

16V 3216 X5R 10uF +/- 20% t=1.8mmMAX
16V 1206 X5R 10uF +/- 20% t=0.071inchMAX



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