

Multilayer Ceramic Capacitors

EMK316AB7106ML-T (Previous PN: EMK316B7106ML-TD)



■ Features

- Item Summary
10uF±20%, 16V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 10 uF ± 20 % |
| Case Size (EIA/JIS) | 1206/3216 |
| Rated Voltage | 16 V |
| tan δ (max) | 10 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 200 % |
| Insulation Resistance (min) | 100 MΩ · μF |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (223 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------------|
| Dimension L | 3.2 ±0.20 mm |
| Dimension W | 1.6 ±0.20 mm |
| Dimension T | 1.6 ±0.20 mm |
| Dimension e | 0.50 +0.35/-0.25 mm |

2022.05.26

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

TAIYO YUDEN

-Electrical Characteristics Data-

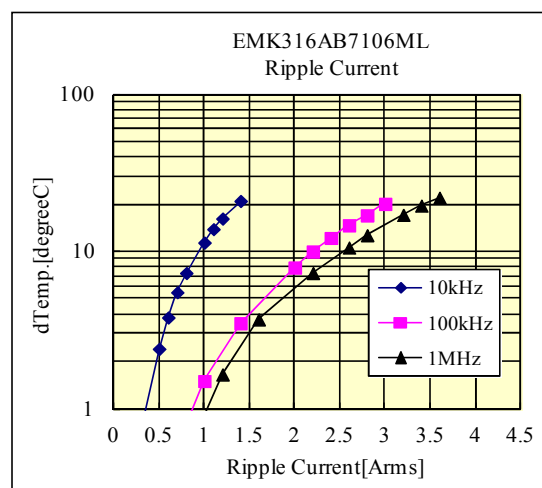
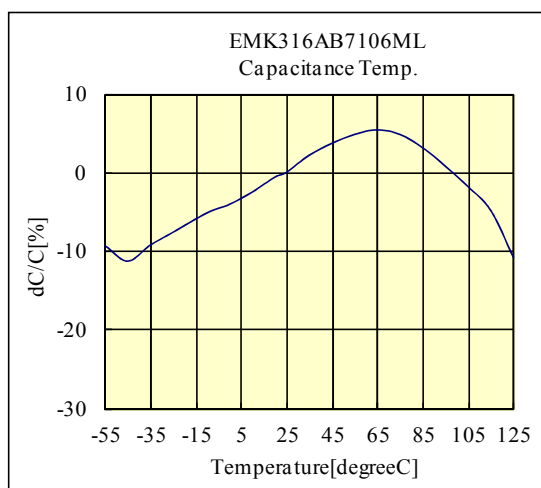
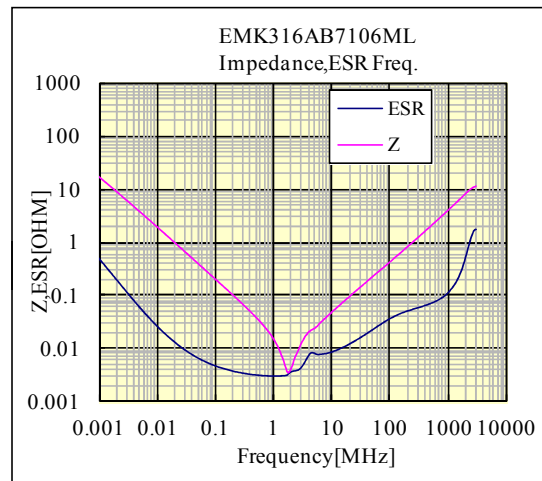
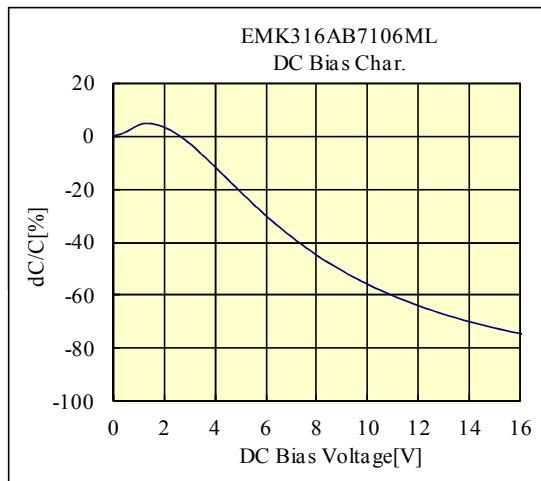
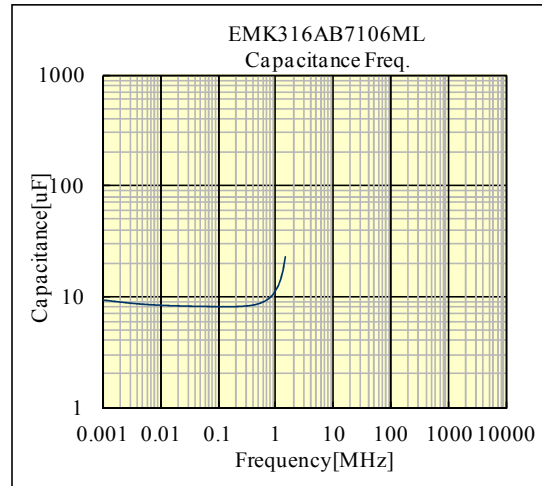
16LA03

RoHS compliance product

○EMK316AB7106ML

16V 3216 X7R 10uF +/- 20% t=1.8mmMAX

16V 1206 X7R 10uF +/- 20% t=0.071inchMAX



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