

Spec Sheet

MLCC for Automotive (POWERTRAIN, SAFETY) Applications(Cu external electrode products)

EMR107B7474KA-T



■ Features

- Item Summary
0.47 μ F \pm 10%, 16V,
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Non-preferred
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

| | |
|---|--------------------------|
| Capacitance | 0.47 μ F \pm 10 % |
| Case Size (EIA/JIS) | 0603/1608 |
| Rated Voltage | 16 V |
| $\tan \delta$ (max) | 3.5 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 200 % |
| Insulation Resistance (min) | 500 M Ω · μ F |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (209 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|--------------------|
| Dimension L | 1.6 \pm 0.10 mm |
| Dimension W | 0.8 \pm 0.10 mm |
| Dimension T | 0.8 \pm 0.10 mm |
| Dimension e | 0.35 \pm 0.25 mm |

2021.07.01

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-

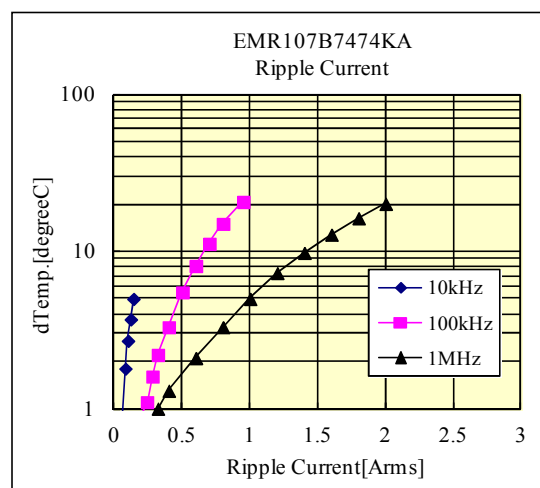
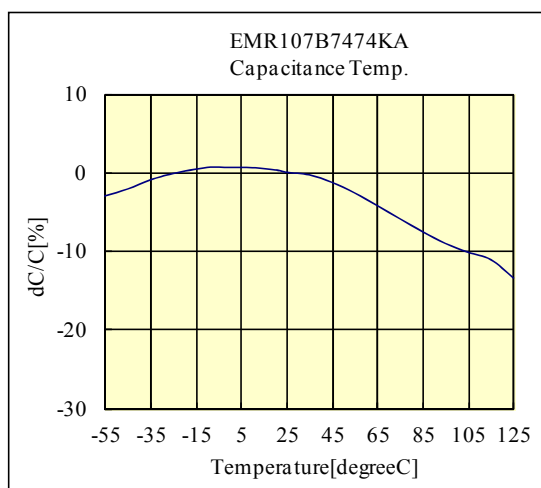
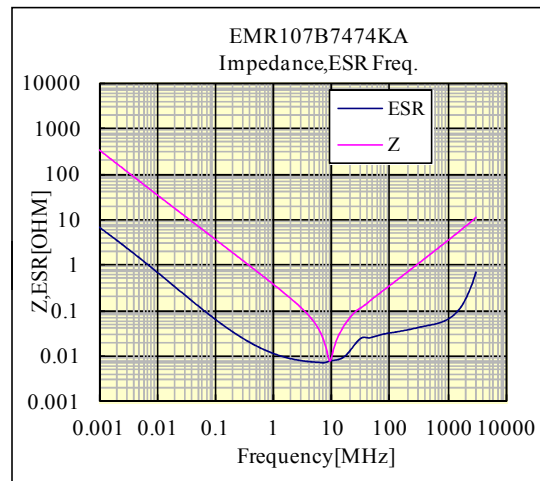
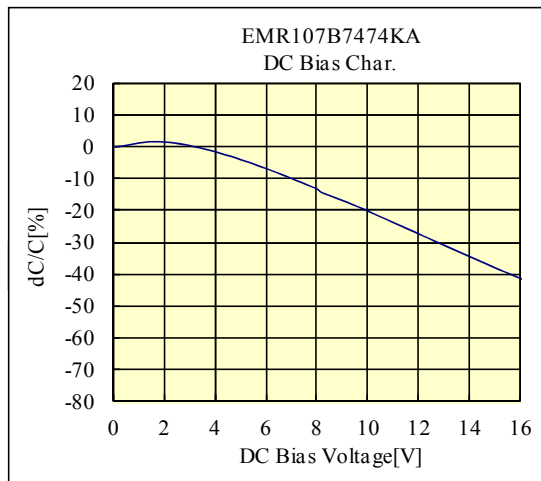
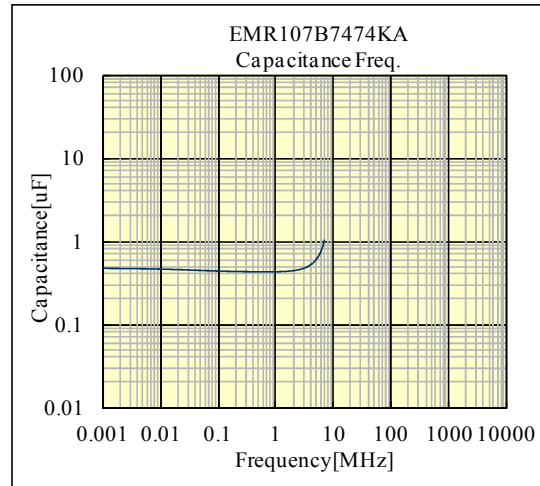
16QA02

RoHS compliance product

○EMR107B7474KA

16V 1608 X7R 0.47uF +/- 10% t=0.9mmMAX

16V 0603 X7R 0.47uF +/- 10% t=0.035inchMAX



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