



**THE DATASHEET OF
EMK212B7474KD-T**



Multilayer Ceramic Capacitors

EMK212B7474KD-T



■ Features

- Item Summary
0.47 μ F \pm 10%, 16V,
X7R, 0805/2012 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

| | |
|---|--------------------------|
| Capacitance | 0.47 μ F \pm 10 % |
| Case Size (EIA/JIS) | 0805/2012 |
| 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 (223 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow/Wave |

■ External Dimensions

| | |
|-------------|--------------------|
| Dimension L | 2.0 \pm 0.10 mm |
| Dimension W | 1.25 \pm 0.10 mm |
| Dimension T | 0.85 \pm 0.10 mm |
| Dimension e | 0.50 \pm 0.25 mm |

2022.05.31

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

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-Electrical Characteristics Data-

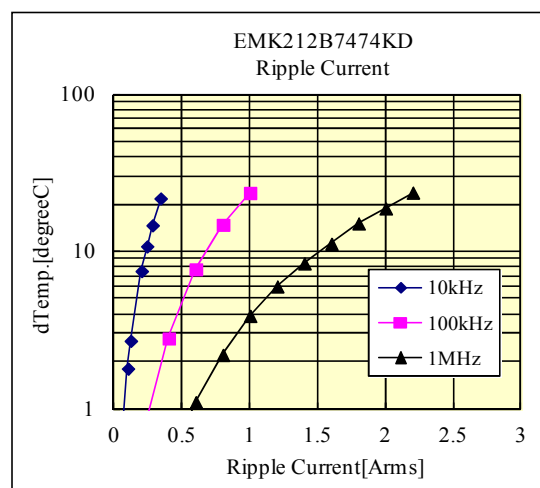
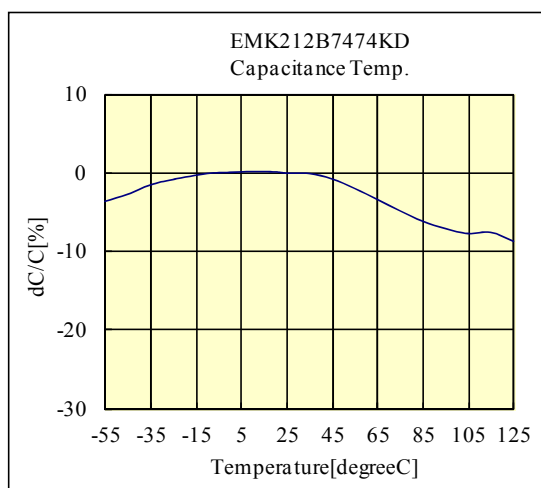
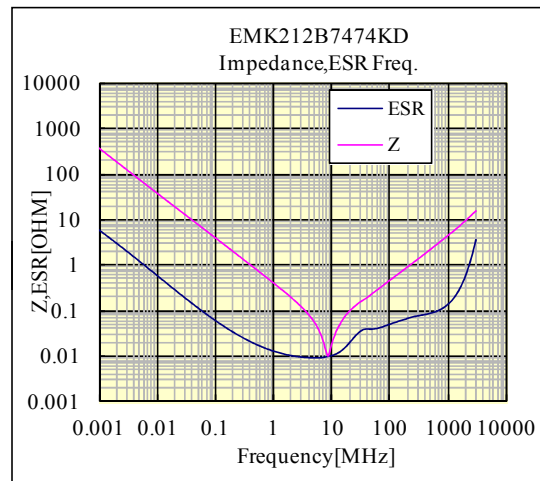
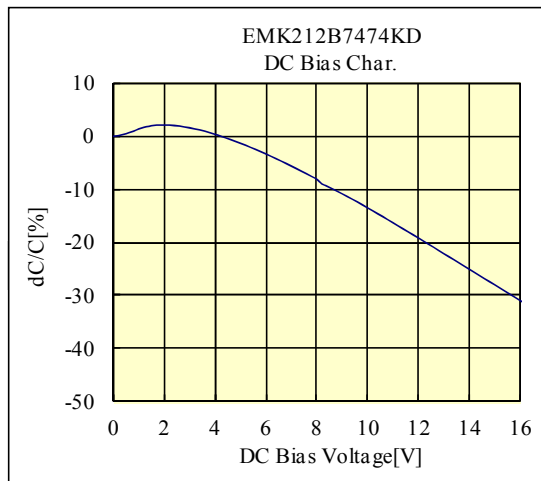
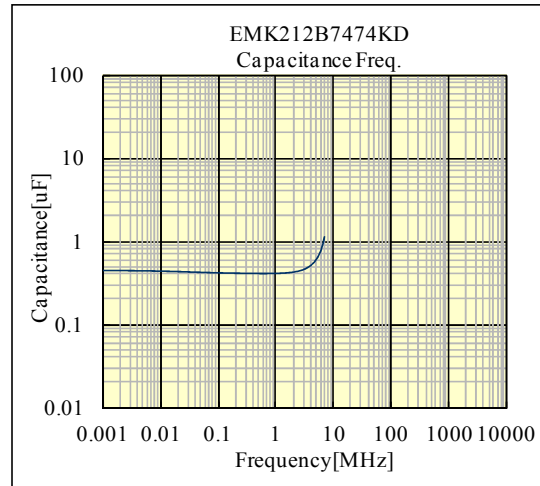
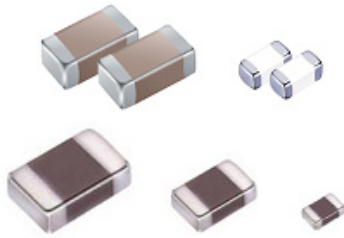
16QA04

RoHS compliance product

○EMK212B7474KD

16V 2012 X7R 0.47uF +/- 10% t=0.95mmMAX

16V 0805 X7R 0.47uF +/- 10% t=0.037inchMAX



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