

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK212B7474KD-T



■ Features

- Item Summary
0.47 μ F \pm 10%, 16V,
X7R, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production
- 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 $^{\circ}$ C
HALT (% Rated Voltage)	200 %
Insulation Resistance (min)	500 M Ω · μ F
RoHS2 Compliance	Yes
REACH Compliance	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

2016.01.25

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.
 Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

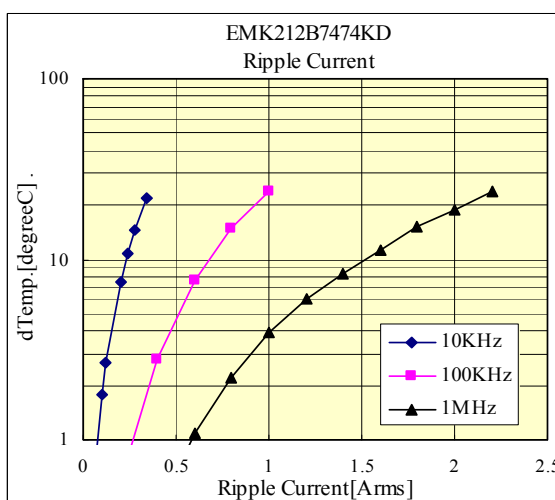
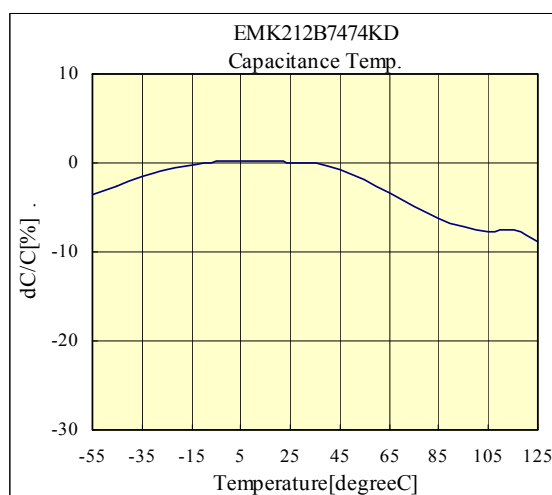
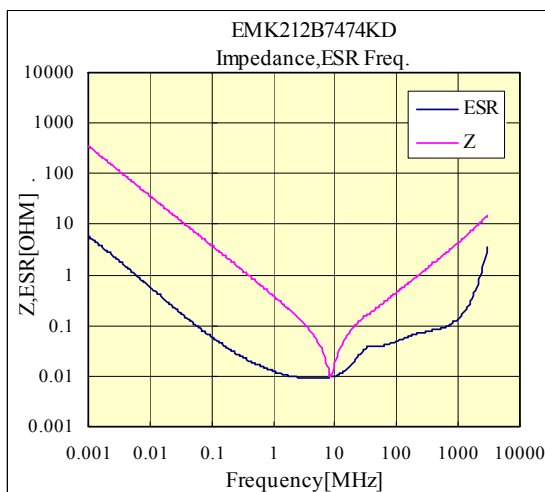
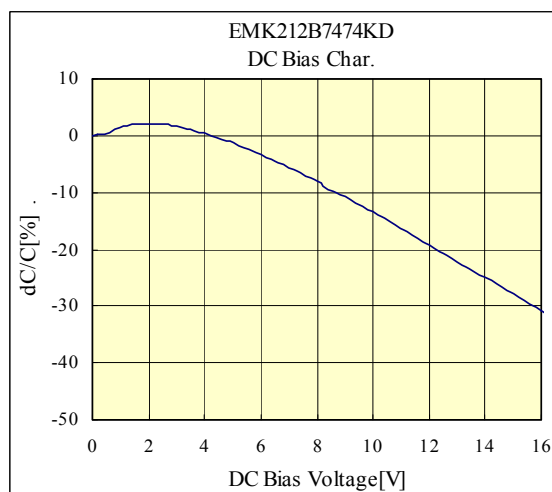
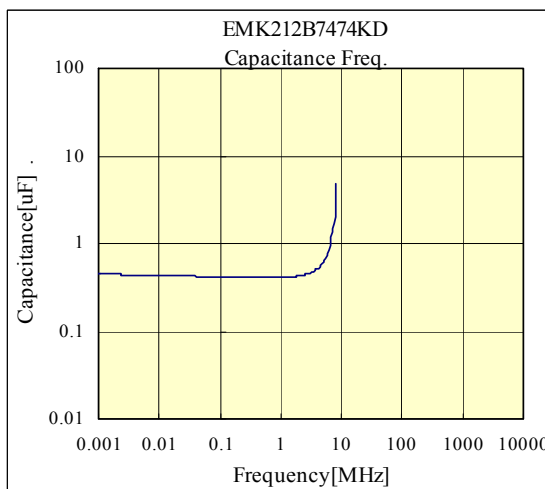
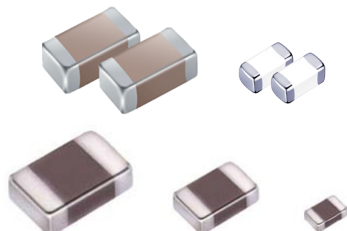
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-Electrical Characteristics Data- 10QA08

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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