

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK212AB7225KD-T



■ Features

- Item Summary
2.2 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 | 2.2 μ F \pm 10 % |
| Case Size (EIA/JIS) | 0805/2012 |
| Rated Voltage | 16 V |
| tan δ (max) | 5 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 $^{\circ}$ C |
| High Temperature Loading (% Rated Voltage) | 150 % |
| Insulation Resistance (min) | 100 M Ω · μ F |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (173 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------------|
| Dimension L | 2.0 +0.15/-0.05 mm |
| Dimension W | 1.25 +0.15/-0.05 mm |
| Dimension T | 0.85 \pm 0.10 mm |
| Dimension e | 0.50 \pm 0.25 mm |

2017.04.30

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

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-Electrical Characteristics Data-

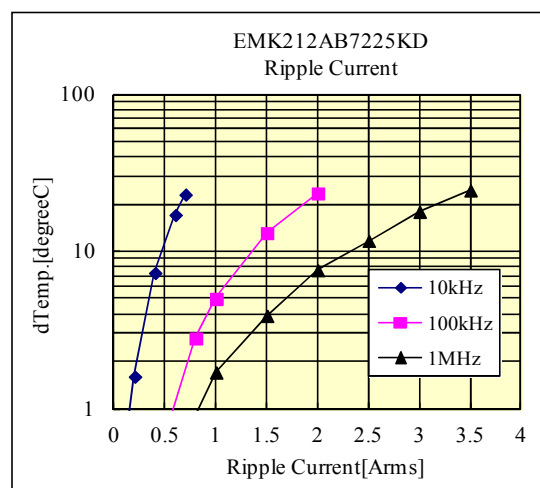
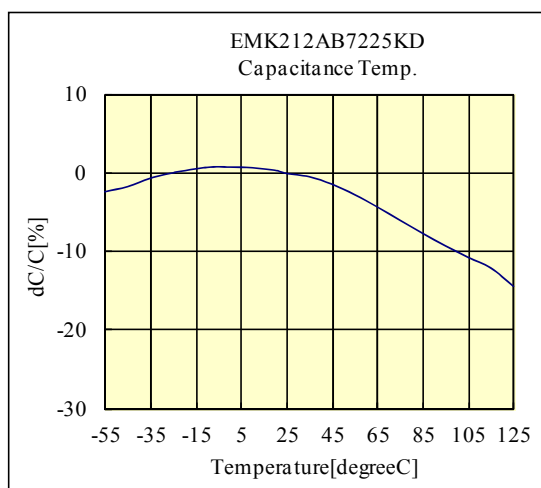
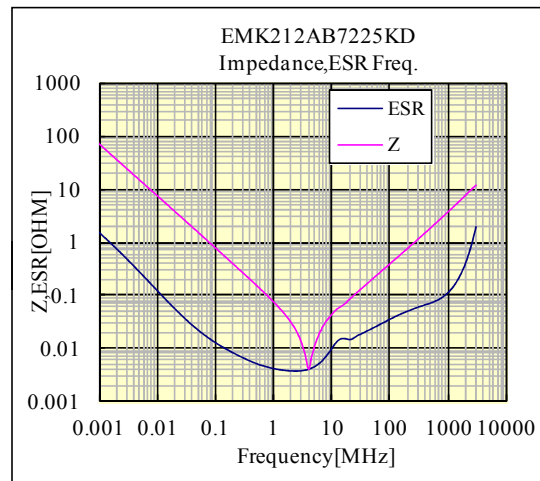
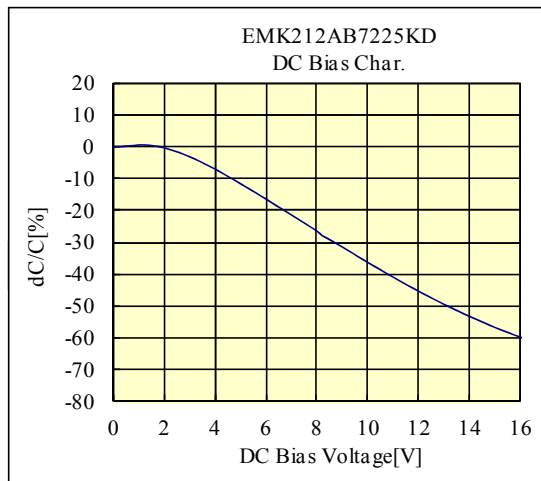
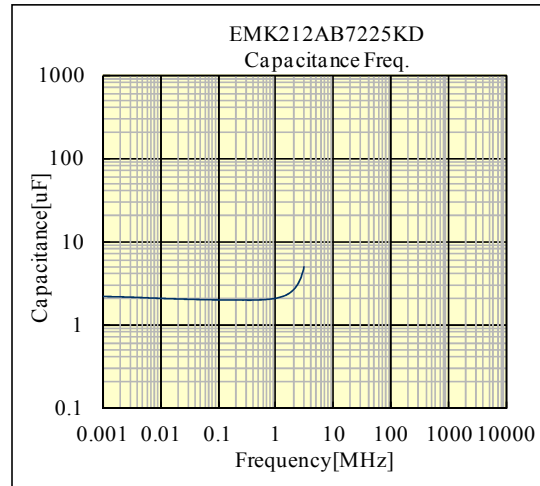
16QA04

RoHS compliance product

○EMK212AB7225KD

16V 2012 X7R 2.2uF +/- 10% t=0.95mmMAX

16V 0805 X7R 2.2uF +/- 10% t=0.037inchMAX



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