

Spec Sheet

MLCC (High dielectric type) for Telecommunications Infrastructure and Industrial Equipment / Medical Devices

EMK212AB7475MG8T



■ Features

- Item Summary
4.7uF±20%, 16V,
X7R, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 4.7 uF ± 20 % |
| Case Size (EIA/JIS) | 0805/2012 |
| 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) | 150 % |
| Insulation Resistance (min) | 100 MΩ · μF |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (209 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 | 1.25 +0.15/-0.05 mm |
| Dimension e | 0.50 ±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

-Electrical Characteristics Data-

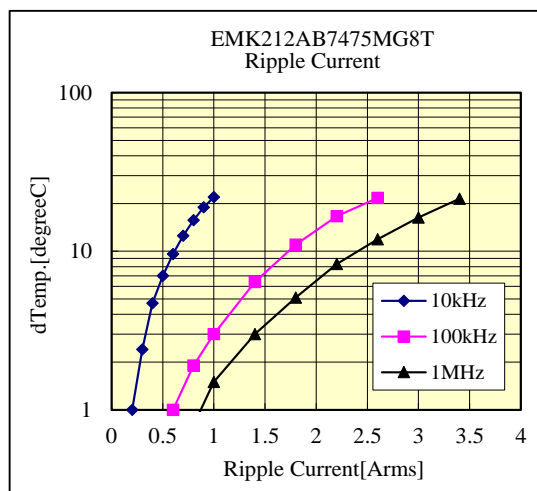
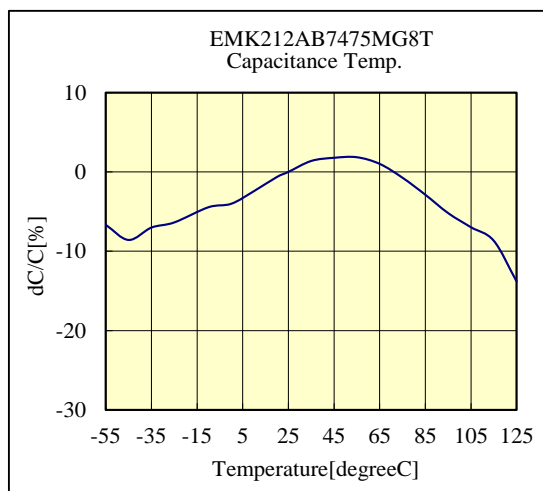
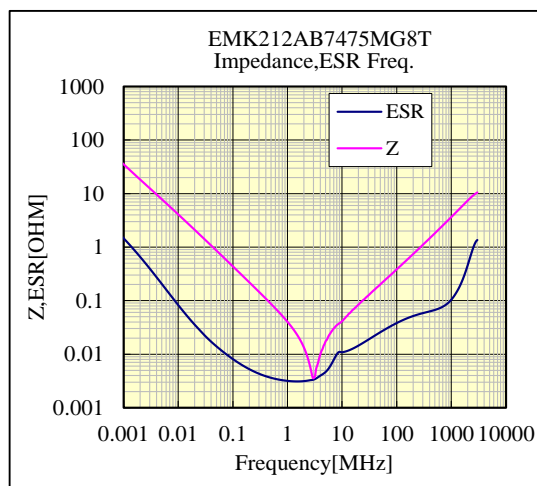
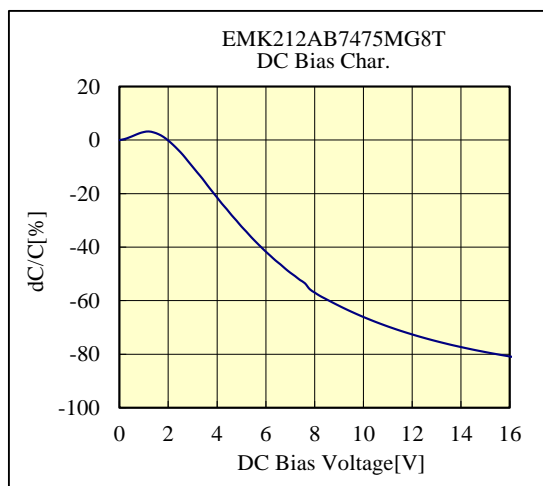
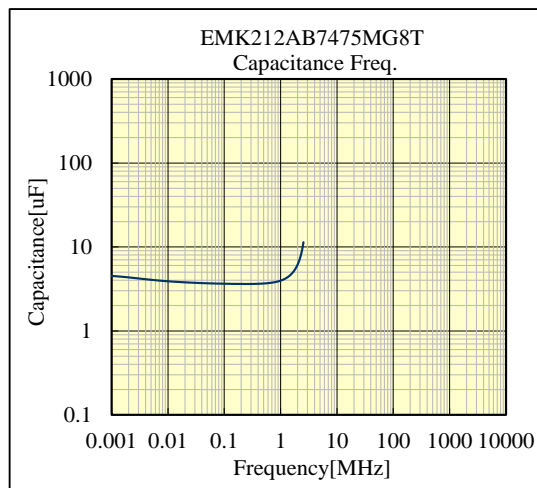
17R2A09

RoHS compliance product

○EMK212AB7475MG8T

16V 2012 X7R 4.7uF +/- 20% t=1.4mmMAX

16V 0805 X7R 4.7uF +/- 20% t=0.055inchMAX



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[>>Taiyo Yuden\(太阳诱电\)](#)