

Multilayer Ceramic Capacitors

UMK316B7225MD-T



■ Features

- Item Summary
2.2 μ F \pm 20%, 50V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

| | |
|---|--------------------------|
| Capacitance | 2.2 μ F \pm 20 % |
| Case Size (EIA/JIS) | 1206/3216 |
| Rated Voltage | 50 V |
| $\tan \delta$ (max) | 10 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 150 % |
| Insulation Resistance (min) | 100 M Ω · μ F |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (223 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------------|
| Dimension L | 3.2 \pm 0.15 mm |
| Dimension W | 1.6 \pm 0.15 mm |
| Dimension T | 0.85 \pm 0.10 mm |
| Dimension e | 0.50 +0.35/-0.25 mm |

2022.05.26

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**

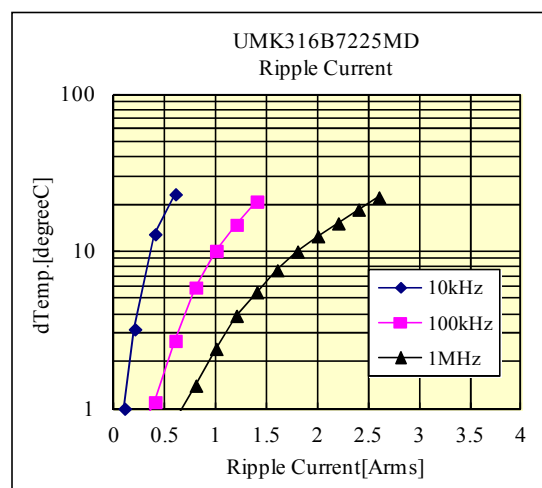
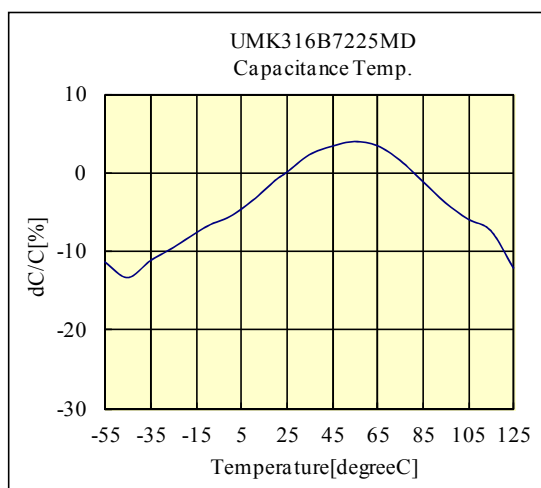
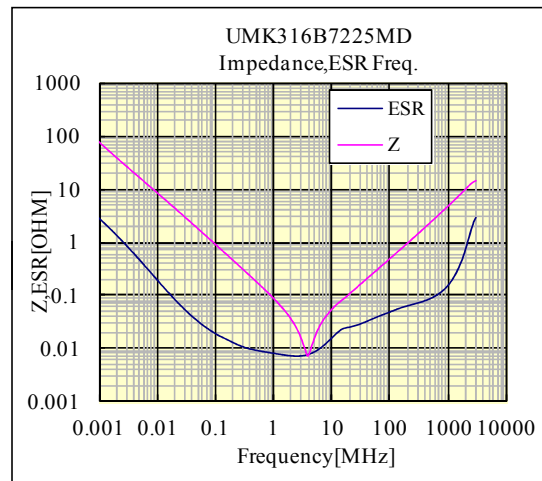
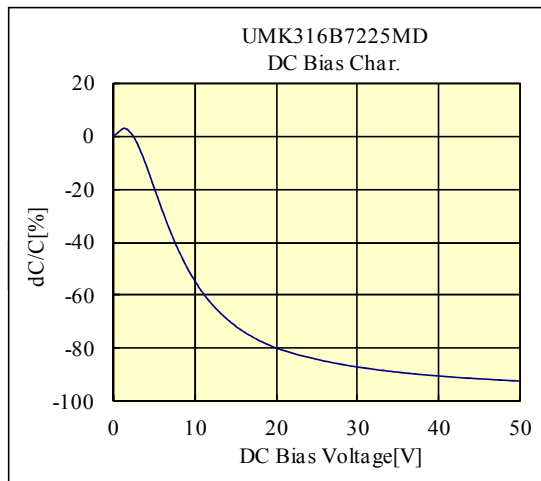
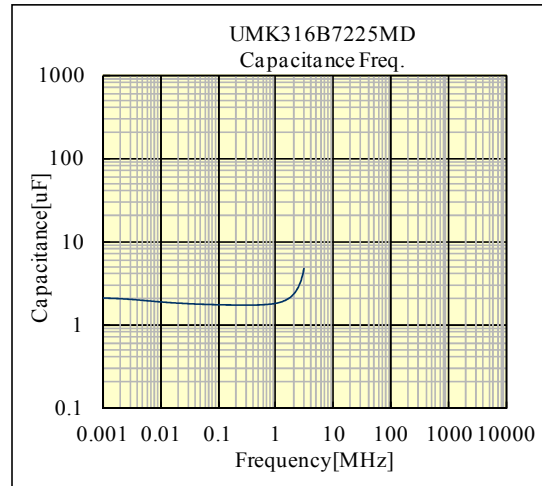
-Electrical Characteristics Data-

16R2A03

RoHS compliance product

○UMK316B7225MD

50V 3216 X7R 2.2 μ F +/- 20% t=0.95mmMAX
50V 1206 X7R 2.2 μ F +/- 20% t=0.037inchMAX



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