

Spec Sheet

Medium-High Voltage MLCC for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications

SMK432B7683KMHT



■ Features

- Item Summary
0.068 μ F \pm 10%, 630V,
X7R, 1812/4532 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 500pcs

■ Products characteristics table

| | |
|---|--------------------------------|
| Capacitance | 0.068 μ F \pm 10 % |
| Case Size (EIA/JIS) | 1812/4532 |
| Rated Voltage | 630 V |
| $\tan \delta$ (max) | 2.5 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 $^{\circ}$ C |
| High Temperature Loading (% Rated Voltage) | 120 % |
| Insulation Resistance (min) | 100 M Ω \cdot μ F |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (209 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|--------------------|
| Dimension L | 4.5 \pm 0.40 mm |
| Dimension W | 3.2 \pm 0.30 mm |
| Dimension T | 2.5 \pm 0.20 mm |
| Dimension e | 0.90 \pm 0.60 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-

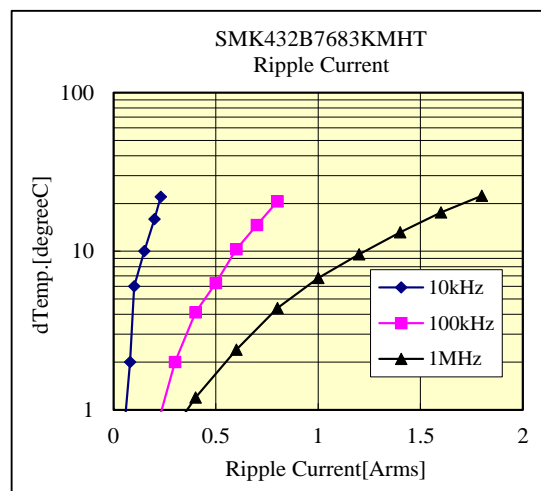
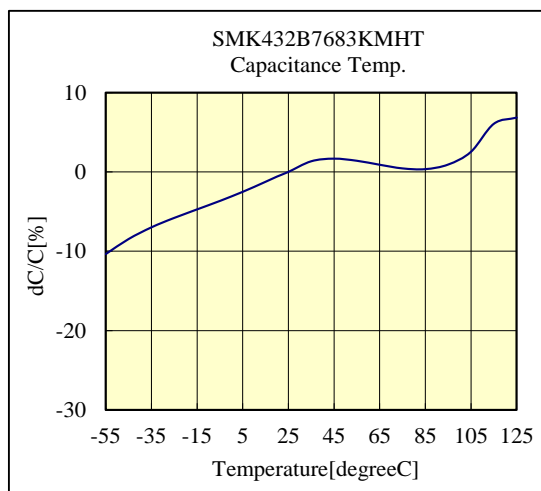
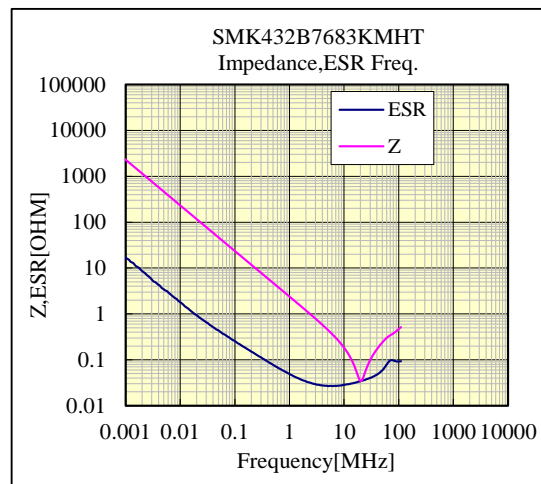
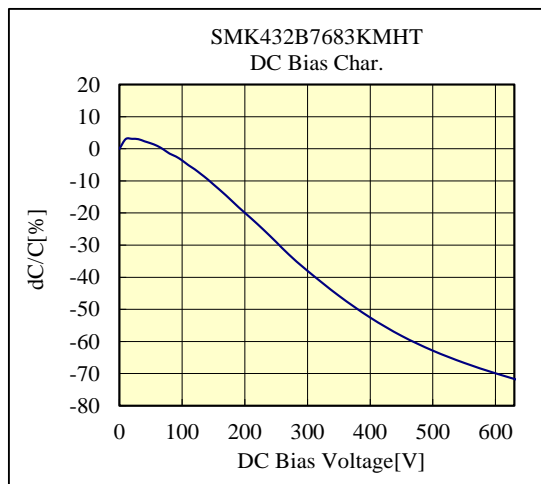
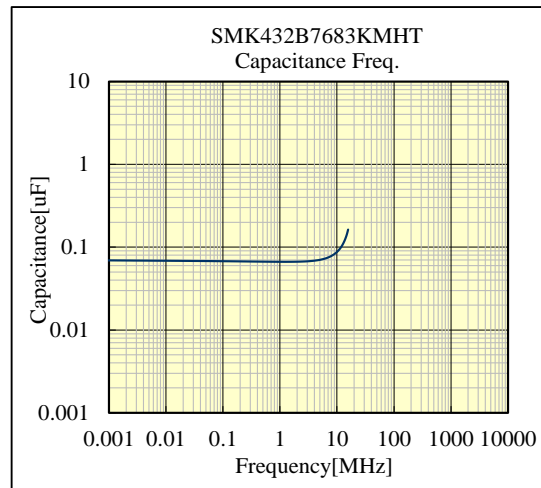
17QA07

RoHS compliance product

○SMK432B7683KMHT

630V 4532 X7R 0.068 μ F +/- 10% t=2.7mmMAX

630V 1812 X7R 0.068 μ F +/- 10% t=0.106inchMAX



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[>>Taiyo Yuden\(太阳诱电\)](#)