

Medium-High Voltage MLCC for Automotive / Industrial Applications

SMK432B7473KMHT



■ Features

- Item Summary  
630V, X7R, 0.047  $\mu$ F,  $\pm$ 10%, 1812
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 500pcs

■ Products characteristics table

CaseSize (EIA/JIS)	1812/4532
Rated Voltage (max)	630V
Capacitance	0.047 $\mu$ F
Capacitance Tolerance	$\pm$ 10%
Resistance	100 M $\Omega$ · $\mu$ F min.
Dielectric Loss Tangent	2.5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125 $^{\circ}$ C/-
Capacitance Change (EIA/JIS)	$\pm$ 15/-%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	4.5mm $\pm$ 0.40
W	3.2mm $\pm$ 0.30
T	2.5mm $\pm$ 0.20
e	0.9mm $\pm$ 0.6

2015.02.05

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 **TAIYO YUDEN**

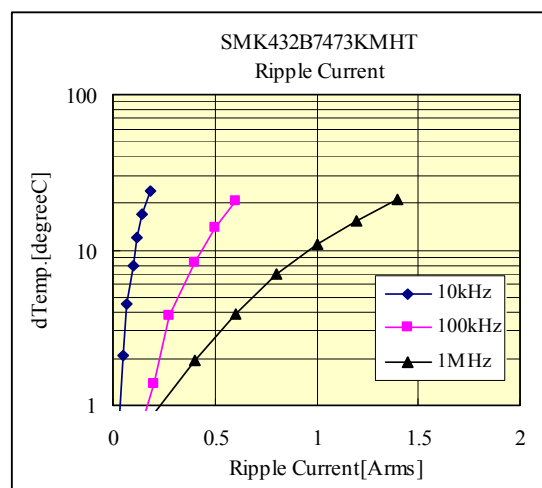
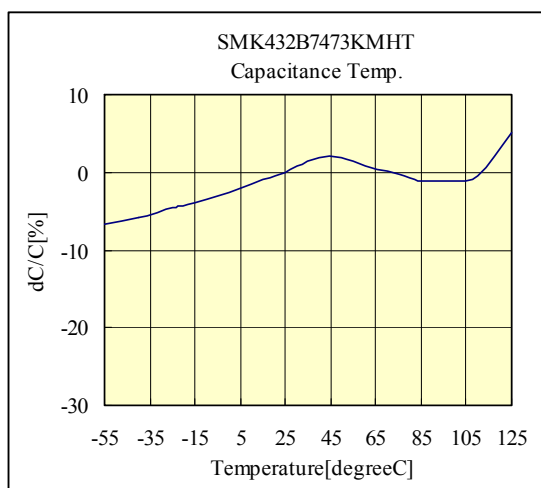
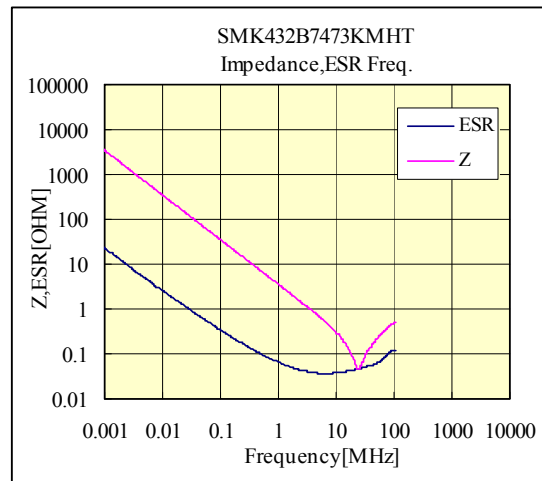
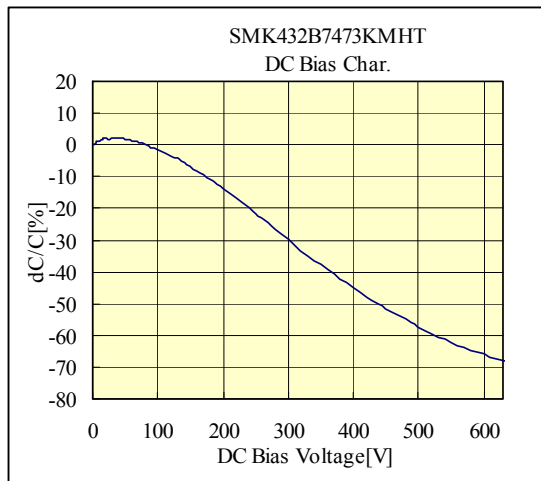
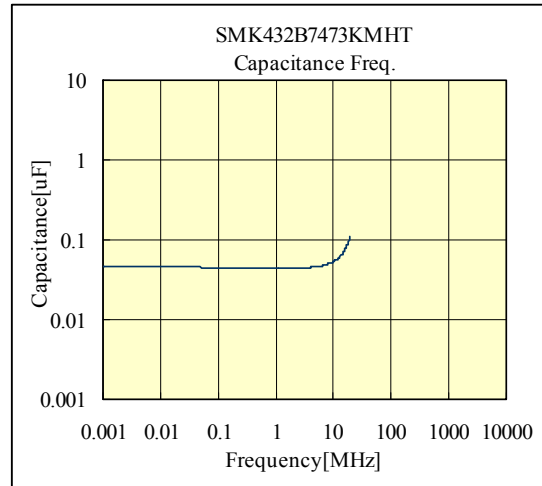
-Electrical Characteristics Data-

13QA01

RoHS compliance product

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**630V 4532 X7R 0.047 $\mu$ F +/- 10% t=2.7mmMAX**  
**630V 1812 X7R 0.047 $\mu$ F +/- 10% t=0.106inchMAX**



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