

## Medium-High Voltage Multilayer Ceramic Capacitors

## QMK316BJ473KL-T



## ■ Features

- Item Summary  
0.047 $\mu$ F $\pm$ 10%, 250V,  
X5R/B, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

|   |                          |
|---|--------------------------|
| Capacitance                                   | 0.047 $\mu$ F $\pm$ 10 % |
| Case Size (EIA/JIS)                           | 1206/3216                |
| Rated Voltage                                 | 250 V                    |
| $\tan \delta$ (max)                           | 2.5 %                    |
| Temperature Characteristic (EIA)              | X5R                      |
| Operating Temp. Range (EIA)                   | -55 to +85 °C            |
| Temperature Characteristic (JIS)              | B                        |
| Operating Temp. Range (JIS)                   | -25 to +85 °C            |
| High Temperature Loading<br>(% Rated Voltage) | 150 %                    |
| Insulation Resistance (min)                   | 100 M $\Omega$ · $\mu$ F |
| RoHS2 Compliance (10 subst.)                  | Yes                      |
| REACH Compliance (173 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 | 1.6 $\pm$ 0.20 mm   |
| Dimension e | 0.50 +0.35/-0.25 mm |

2017.04.30

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-

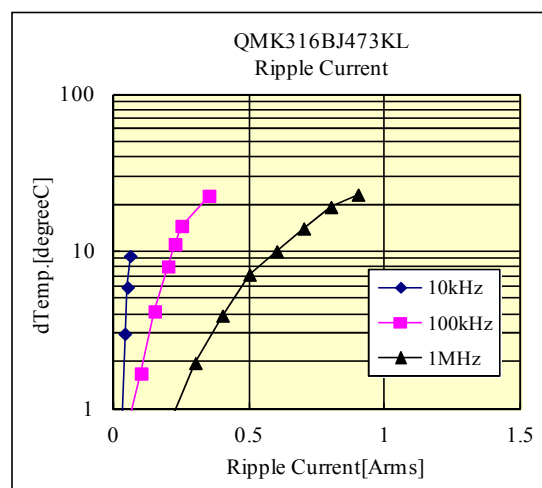
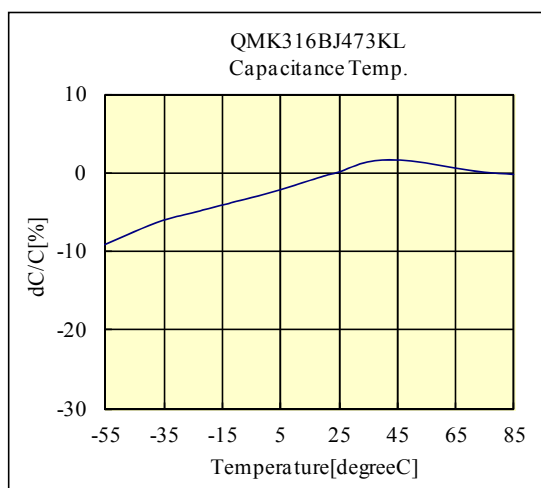
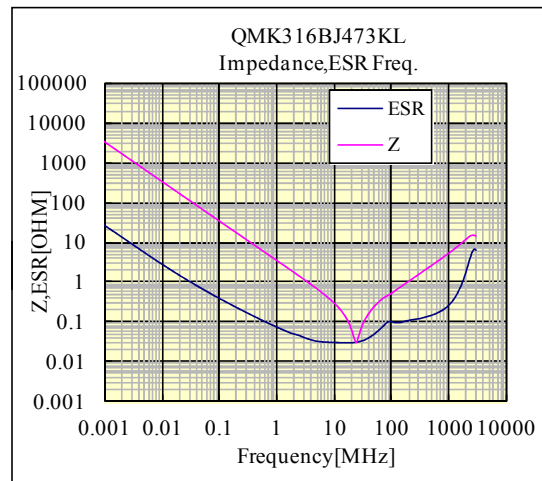
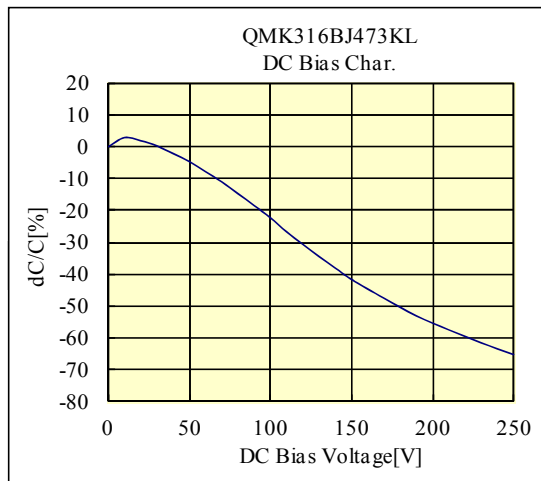
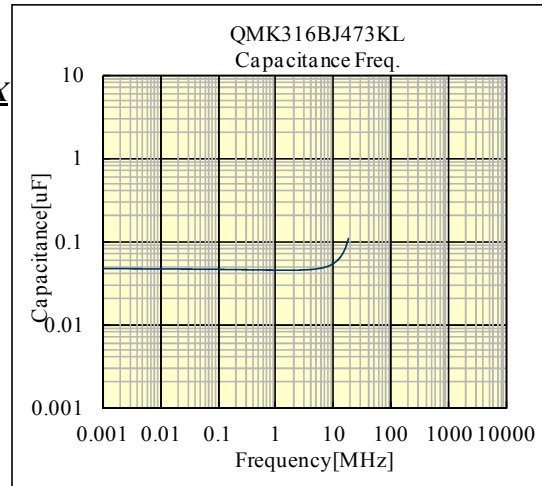
16QA03

RoHS compliance product

## ○QMK316BJ473KL

**250V 3216 B/X5R 0.047uF +/- 10% t=1.8mmMAX**

**250V 1206 B/X5R 0.047uF +/- 10% t=0.071inchMAX**



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