

## Multilayer Ceramic Capacitors

## UMK105UJ181JV-F



## ■ Features

- Item Summary  
180pF±5%, 50V,  
U2J/UJ, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Paper 10000pcs

## ■ Products characteristics table

Capacitance	180 pF ± 5 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
Q (min)	1000 at 1MHz
Temperature Characteristic (EIA)	U2J
Operating Temp. Range (EIA)	-55 to +125 °C
Temperature Characteristic (JIS)	UJ
Operating Temp. Range (JIS)	-55 to +125 °C
Temperature Characteristic	-750 ±120 ppm/°C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 GΩ
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	1.0 ±0.05 mm
Dimension W	0.5 ±0.05 mm
Dimension T	0.5 ±0.05 mm
Dimension e	0.25 ±0.10 mm

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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

# Multi Layer Ceramic Capacitor

# TAIYO YUDEN

-Electrical Characteristics Data-

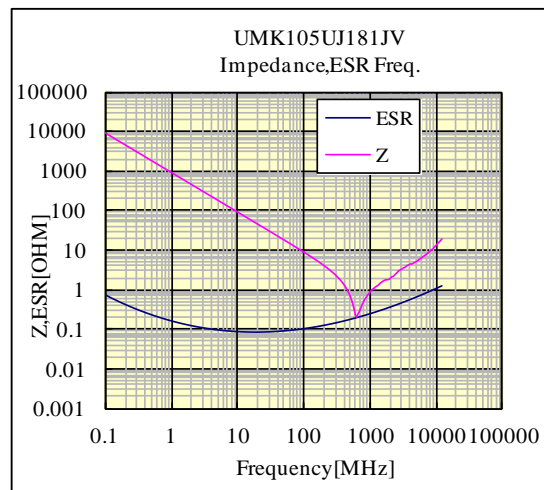
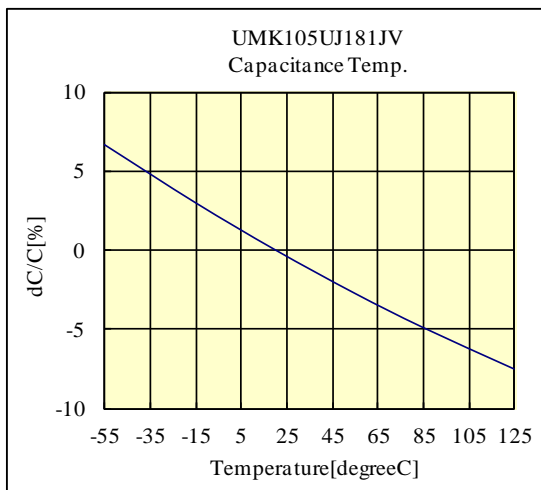
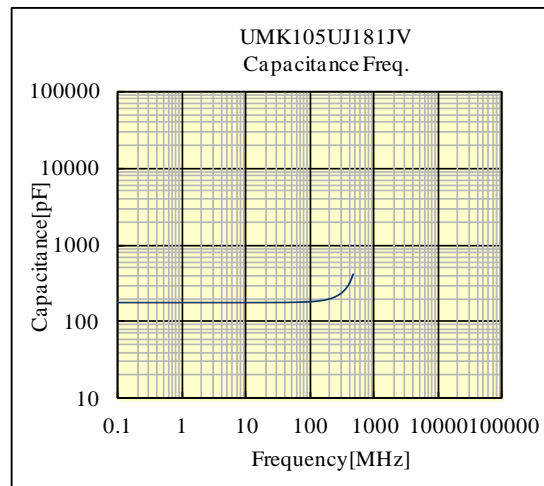
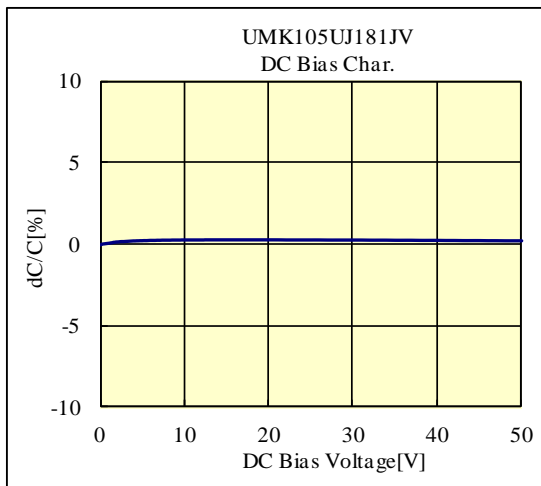
16CDD02

RoHS compliance product

## ○UMK105UJ181JV

50V 1005 UJ/U2J 180pF +/- 5% t=0.55mmMAX

50V 0402 UJ/U2J 180pF +/- 5% t=0.022inchMAX



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