

## Multilayer Ceramic Capacitors

## UMK105UJ070DV-F



## ■ Features

- Item Summary  
7pF±0.5pF, 50V,  
U2J/UJ, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Paper 10000pcs

## ■ Products characteristics table

Capacitance	7 pF ± 0.5pF
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
Q (min)	540 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

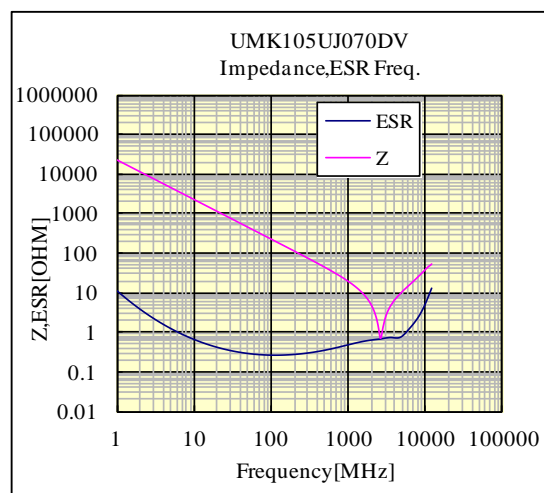
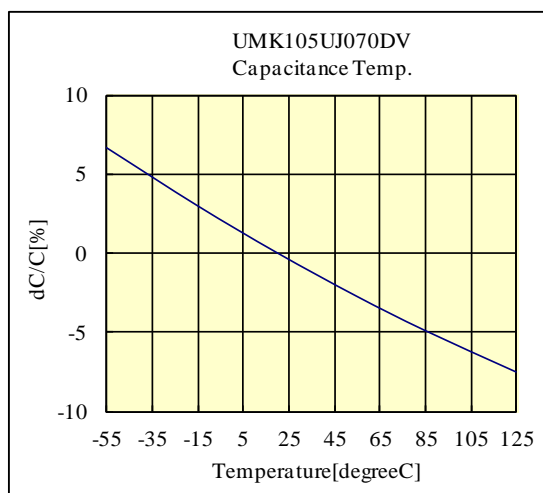
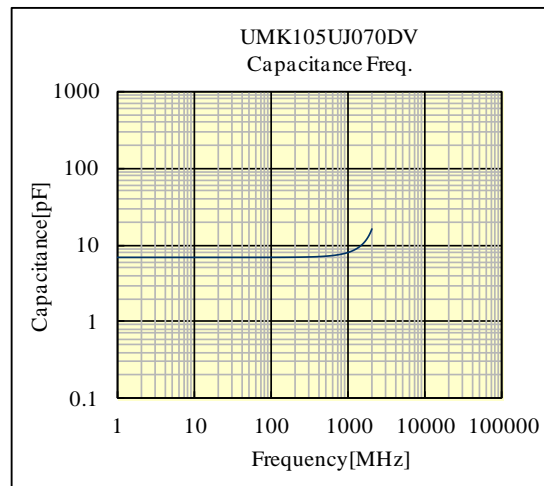
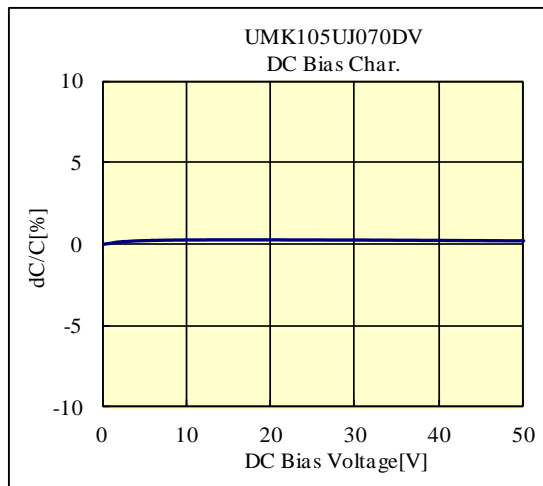
Dimension L	1.0 ±0.05 mm
Dimension W	0.5 ±0.05 mm
Dimension T	0.5 ±0.05 mm
Dimension e	0.25 ±0.10 mm

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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.  
 Before making final selection, please check product specification.

## ○UMK105UJ070DV

**50V 1005 UJ/U2J 7pF +/- 0.5pF t=0.55mmMAX**  
**50V 0402 UJ/U2J 7pF +/- 0.5pF t=0.022inchMAX**



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