

High Value Multilayer Ceramic Capacitors (High dielectric type)

UMK105CBJ105MV-F



■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 50V,  
X5R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
tan $\delta$ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 $^{\circ}$ C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M $\Omega$ · $\mu$ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.0 +0.20/-0.00 mm
Dimension W	0.5 +0.20/-0.00 mm
Dimension T	0.5 +0.20/-0.00 mm
Dimension e	0.25 $\pm$ 0.10 mm

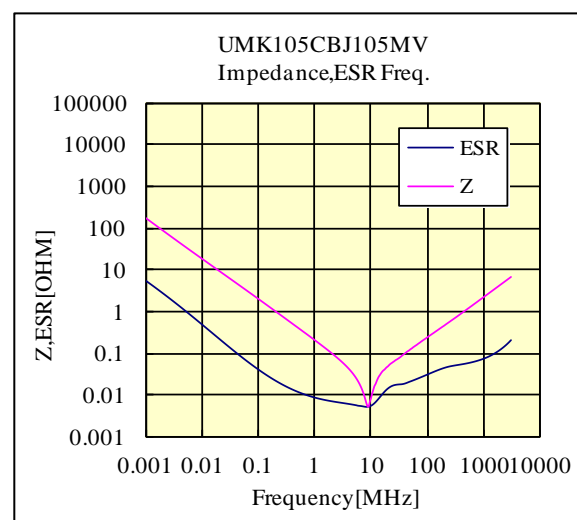
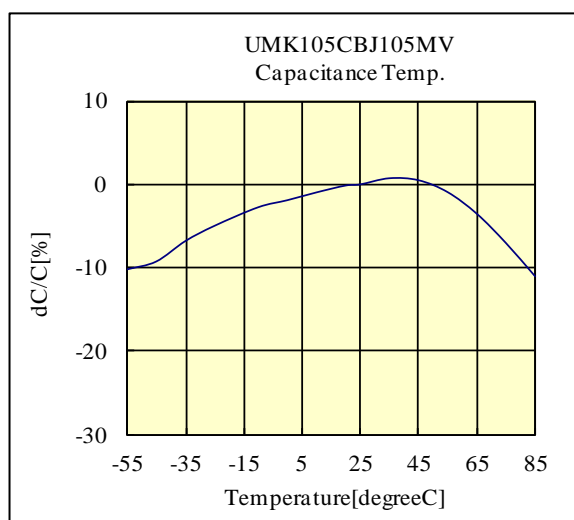
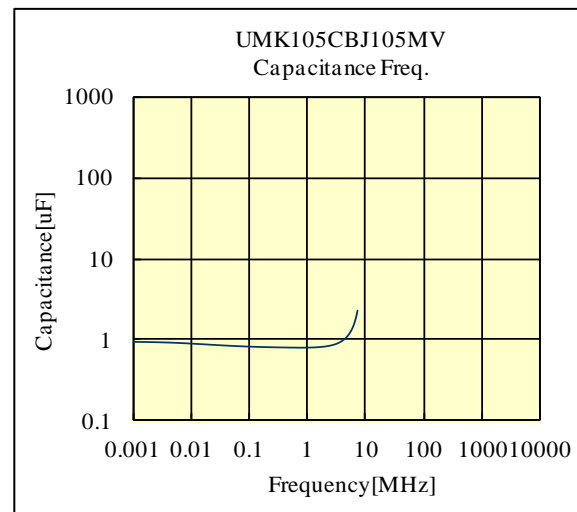
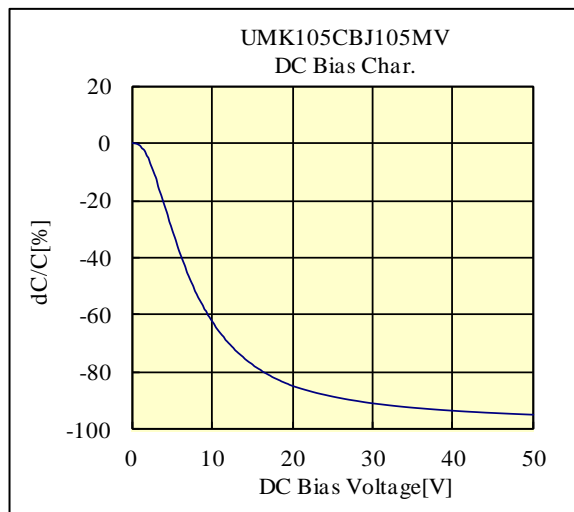
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

## ○UMK105CBJ105MV

**50V 1005 X5R 1uF +/- 20% t=0.7mmMAX**

**50V 0402 X5R 1uF +/- 20% t=0.028inchMAX**



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