

## High Value Multilayer Ceramic Capacitors (High dielectric type)

### UMK105BJ103MV-F



#### ■ Features

- Item Summary  
0.01 uF ± 20%, 50V,  
X5R/B, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

#### ■ Products characteristics table

Capacitance	0.01 uF ± 20 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
tan δ (max)	3.5 %
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 (% Rated Voltage)	200 %
Insulation Resistance (min)	10 GΩ
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 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

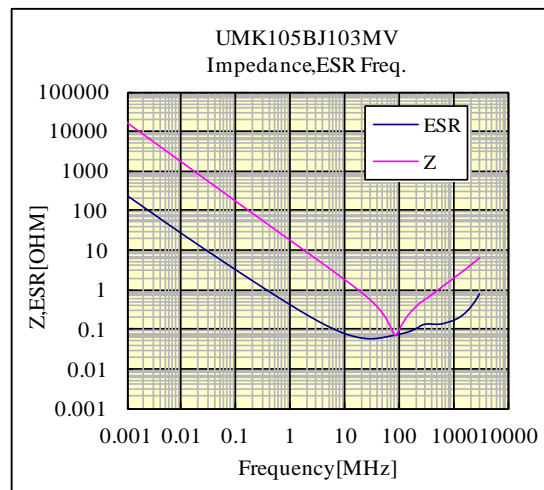
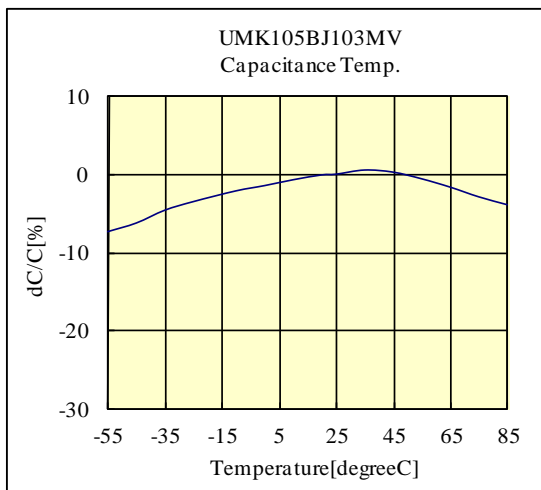
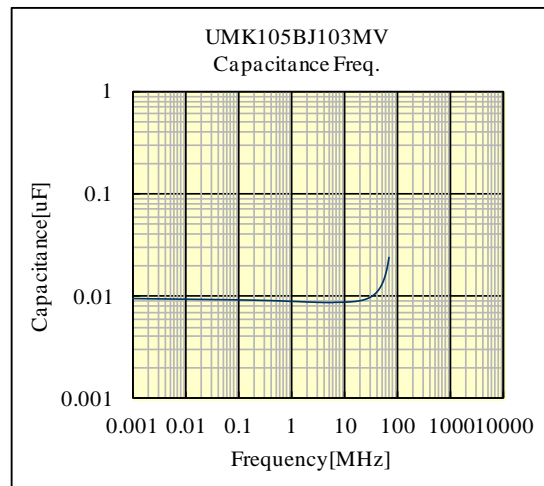
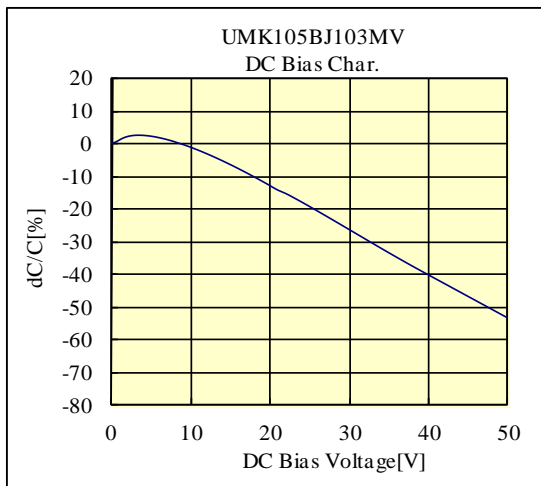
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

## ○UMK105BJ103MV

50V 1005 B/X5R 0.01uF +/- 20% t=0.55mmMAX

50V 0402 B/X5R 0.01uF +/- 20% t=0.022inchMAX



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