

High Value Multilayer Ceramic Capacitors (High dielectric type)

UMK105F103ZV-F



■ Features

- Item Summary
0.01 uF+80%/-20%, 50V,
Y5V/F, 0402/1005 (EIA/JIS)
- Lifecycle Stage
Non-preferred
- Standard packaging quantity (minimum)
Taping paper 10000pcs

■ Products characteristics table

Capacitance	0.01 uF +80%/-20%
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
tan δ (max)	5 %
Temperature Characteristic (EIA)	Y5V
Operating Temp. Range (EIA)	-30 to +85 °C
Temperature Characteristic (JIS)	F
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

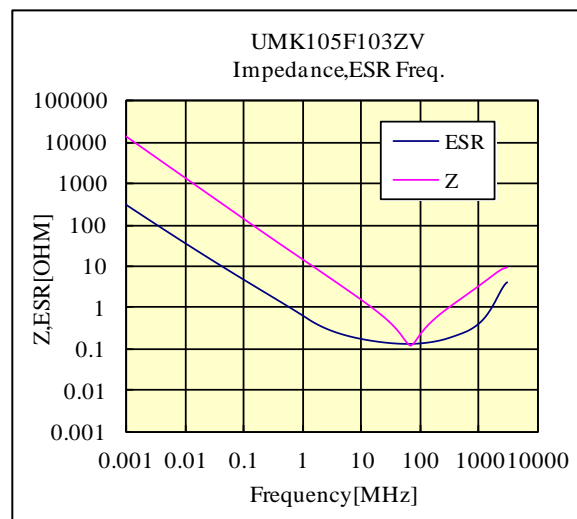
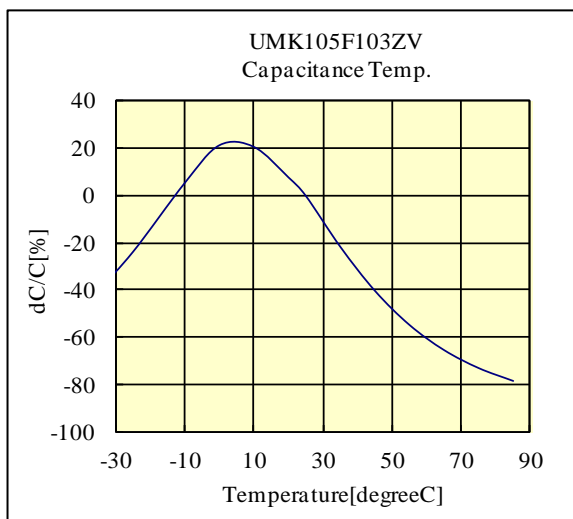
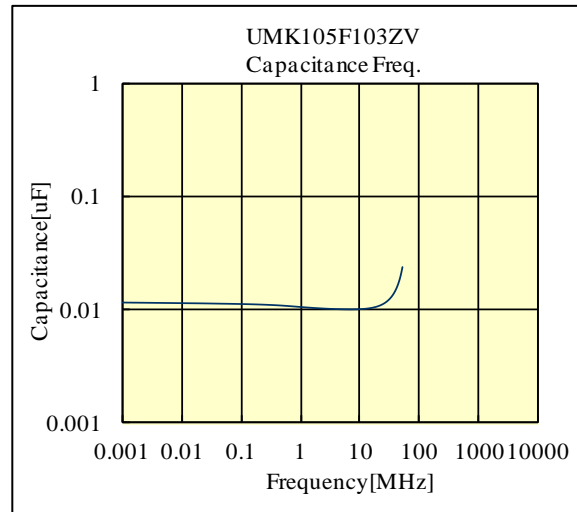
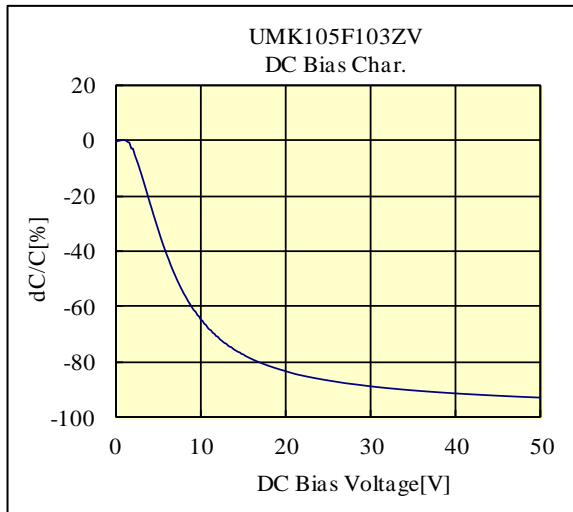
2017.04.30

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.

○UMK105F103ZV

50V 1005 F/Y5V 0.01uF +80/-20% t=0.55mmMAX

50V 0402 F/Y5V 0.01uF +80/-20% t=0.022inchMAX



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