

Multilayer Ceramic Capacitors (Temperature compensating type)

UMK105UJ100DV-F



■ Features

- Item Summary
10pF $\pm$ 0.5pF, 50V,
U2J/UJ, 0402/1005 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Paper 10000pcs

■ Products characteristics table

Capacitance	10 pF $\pm$ 0.5pF
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
Q (min)	600 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 $\pm$ 120 ppm/°C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 G Ω
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.0 $\pm$ 0.05 mm
Dimension W	0.5 $\pm$ 0.05 mm
Dimension T	0.5 $\pm$ 0.05 mm
Dimension e	0.25 $\pm$ 0.10 mm

2021.09.21

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.

Multi Layer Ceramic Capacitor

TAIYO YUDEN

-Electrical Characteristics Data-

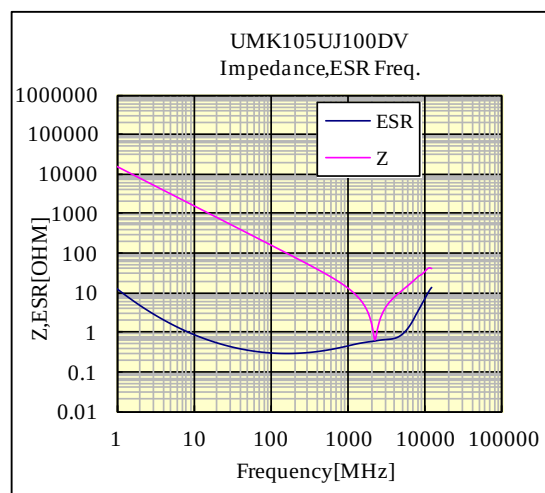
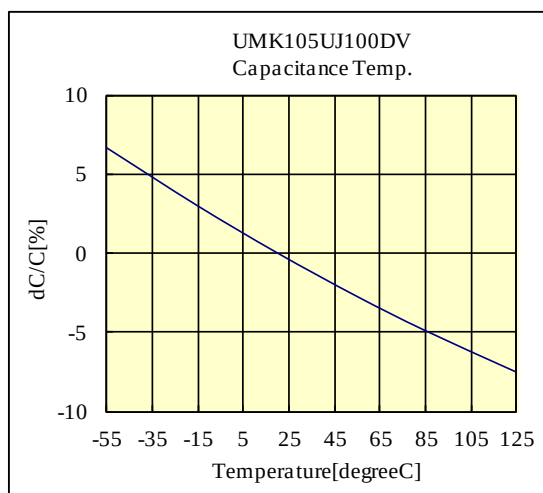
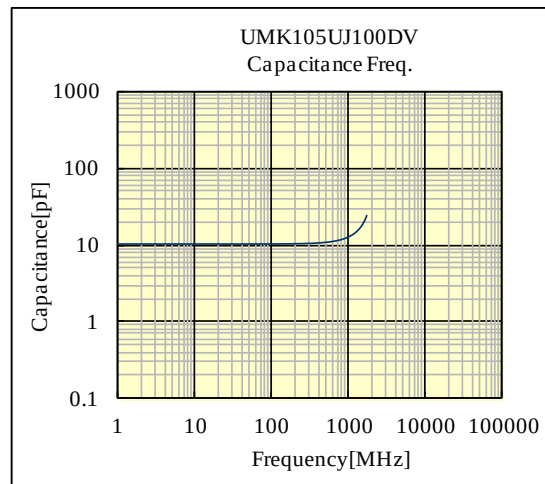
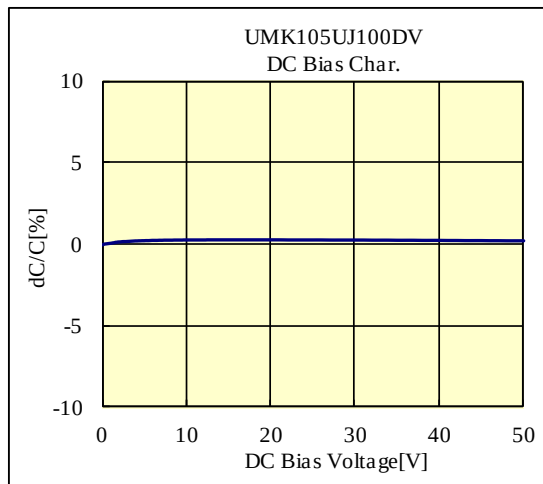
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RoHS compliance product

○UMK105UJ100DV

50V 1005 UJ/U2J 10pF +/- 0.5pF t=0.55mmMAX

50V 0402 UJ/U2J 10pF +/- 0.5pF t=0.022inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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