

Multilayer Ceramic Capacitors (Temperature compensating type)

UMK105UJ270JV-F



■ Features

- Item Summary
27pF $\pm$ 5%, 50V,
U2J/UJ, 0402/1005 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Paper 10000pcs

■ Products characteristics table

Capacitance	27 pF $\pm$ 5 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
Q (min)	940 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

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-Electrical Characteristics Data-

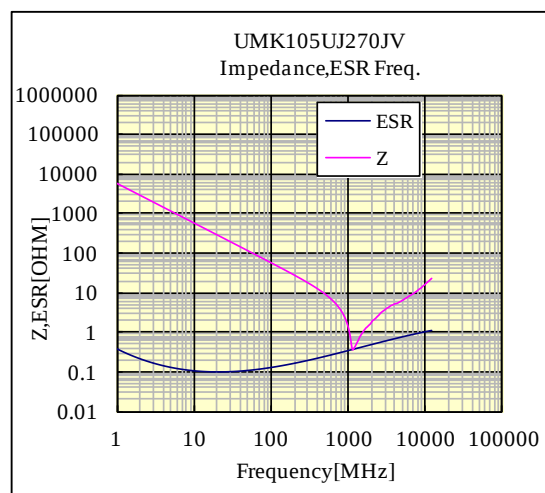
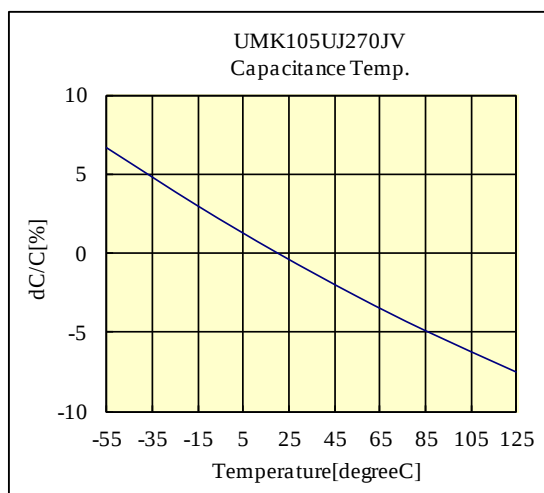
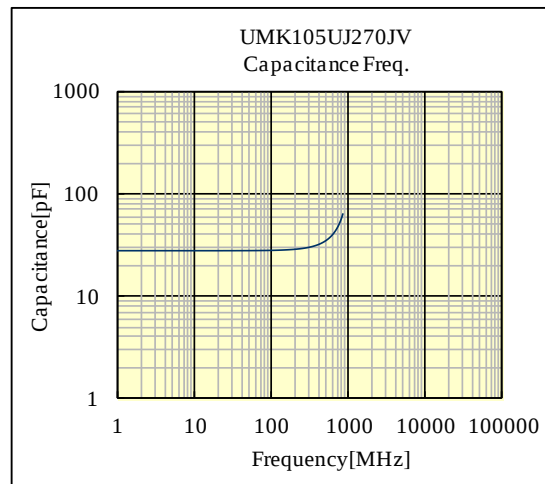
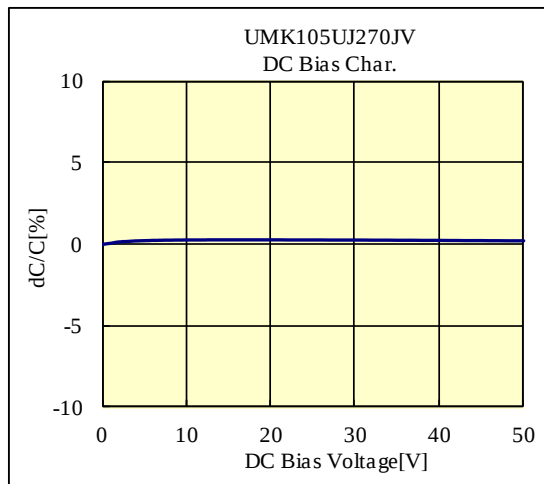
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RoHS compliance product

○UMK105UJ270JV

50V 1005 UJ/U2J 27pF +/- 5% t=0.55mmMAX

50V 0402 UJ/U2J 27pF +/- 5% t=0.022inchMAX



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Please read this notice before using the TAIYO YUDEN products.



REMINDERS

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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).

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When our products are used even for high safety and/or reliability-required devices or circuits of general electronic equipment, it is strongly recommended to perform a thorough safety evaluation prior to use of our products and to install a protection circuit as necessary.

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