

Multilayer Ceramic Capacitors

UMK105UJ120JV-F



■ Features

- Item Summary
12pF±5%, 50V,
U2J/UJ, 0402/1005 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Paper 10000pcs

■ Products characteristics table

| | |
|---|------------------|
| Capacitance | 12 pF ± 5 % |
| Case Size (EIA/JIS) | 0402/1005 |
| Rated Voltage | 50 V |
| Q (min) | 640 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 ±120 ppm/°C |
| High Temperature Loading (% Rated Voltage) | 200 % |
| Insulation Resistance (min) | 10 GΩ |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (223 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 |

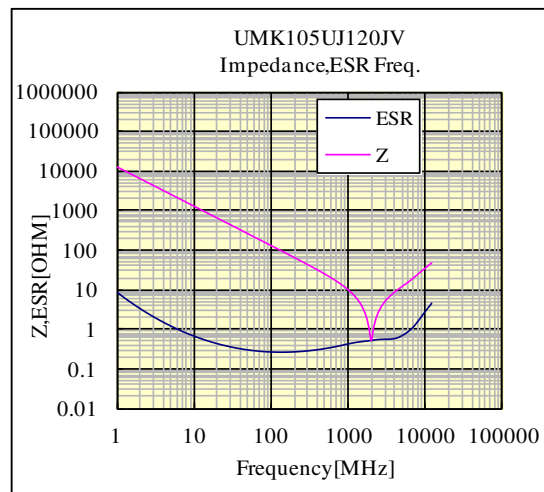
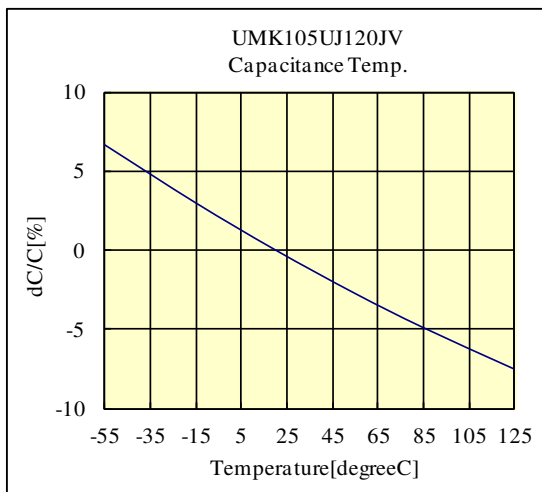
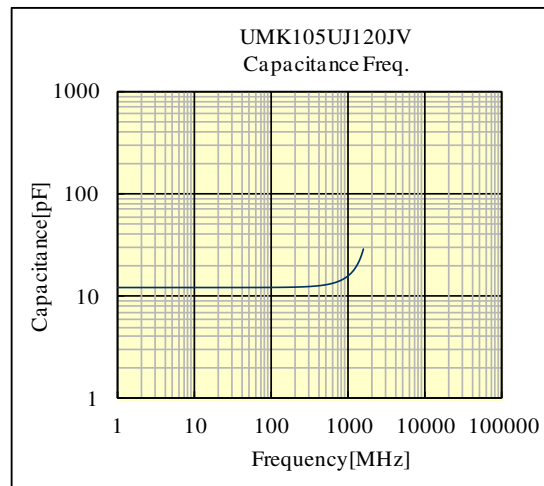
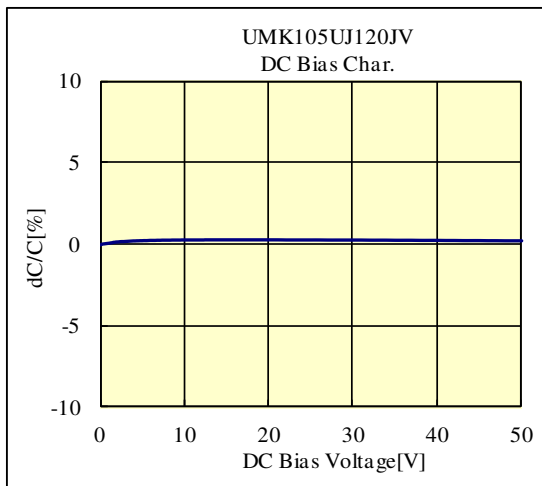
2022.06.01

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.

○UMK105UJ120JV

50V 1005 UJ/U2J 12pF +/- 5% t=0.55mmMAX

50V 0402 UJ/U2J 12pF +/- 5% t=0.022inchMAX



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