

Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications

UMK105B7152MVHF



■ Features

- Item Summary
50V, X7R, 1500pF, $\pm 20\%$, 0402
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 10000pcs

■ Products characteristics table

| | |
|---------------------------------------|----------------------------|
| CaseSize (EIA/JIS) | 0402/1005 |
| Rated Voltage (max) | 50V |
| Capacitance | 1500pF |
| Capacitance Tolerance | $\pm 20\%$ |
| Resistance | 10,000 M Ω min. |
| Dielectric Loss Tangent | 2.5%MAX |
| Temperature Characteristics (EIA/JIS) | X7R/- |
| Temperature Range (EIA/JIS) | -55 to +125 $^{\circ}$ C/- |
| Capacitance Change (EIA/JIS) | $\pm 15/-\%$ |
| RoHS Compliance | Yes |
| Halogen Free | Yes |
| Soldering Method | Reflow |

■ External Dimensions

| | |
|---|-------------------|
| L | 1.0mm ± 0.05 |
| W | 0.5mm ± 0.05 |
| T | 0.5mm ± 0.05 |
| e | 0.25mm ± 0.10 |

2015.01.15

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.

Multi Layer Ceramic Capacitor

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-Electrical Characteristics Data-

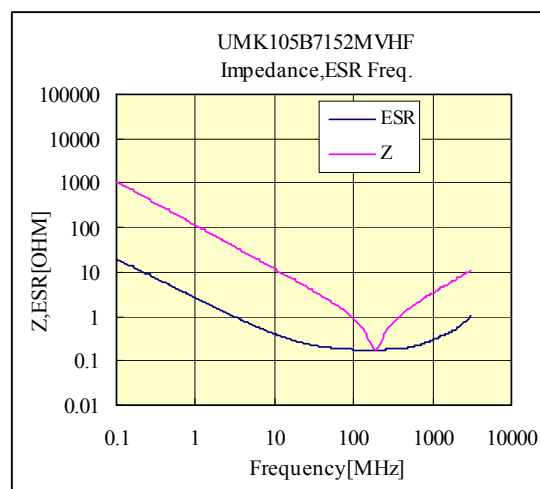
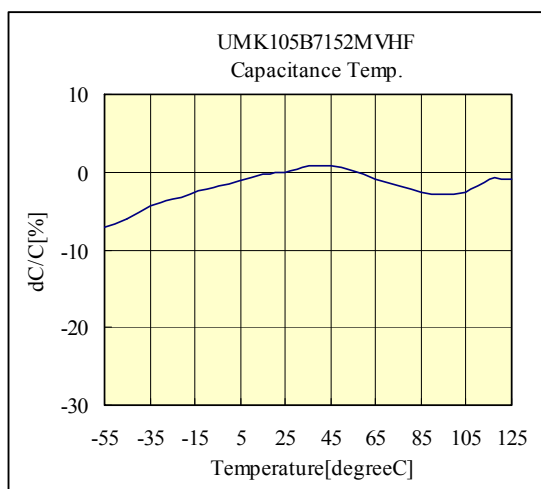
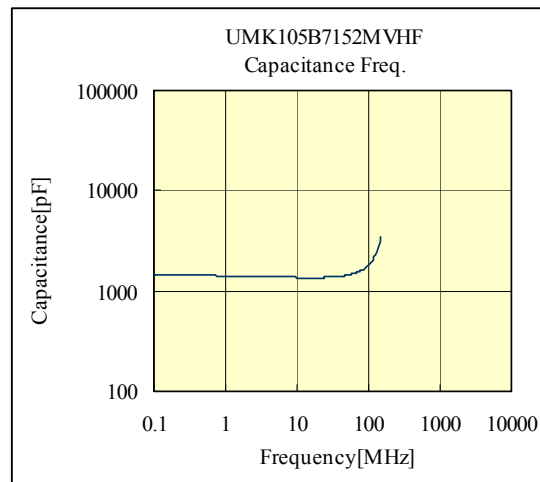
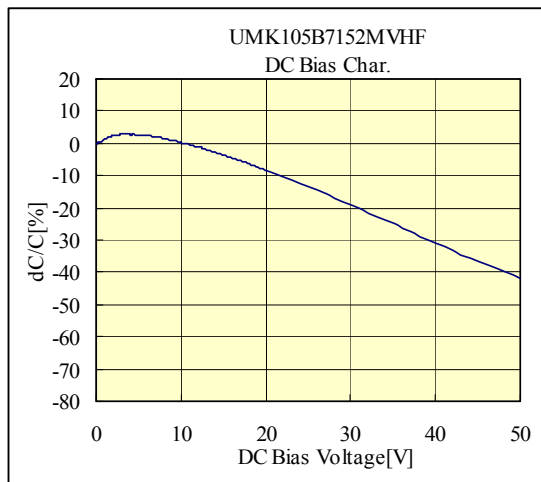
13QA01

RoHS compliance product

○UMK105B7152MVHF

50V 1005 X7R 1500pF +/- 20% t=0.55mmMAX

50V 0402 X7R 1500pF +/- 20% t=0.022inchMAX



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