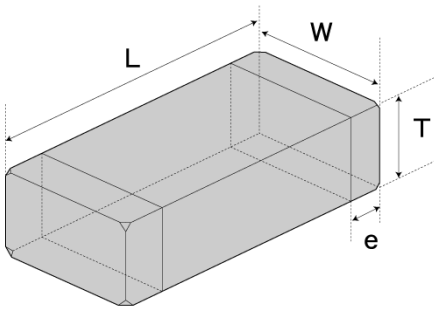
# Spec Sheet

MLCC (High dielectric type) for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications

# UMK212BC7334MGHTE




## Features

- Item Summary

  0.33uF±20%, 50V,

  X7S, 0805/2012 (EIA/JIS)
- Lifecycle Stage

  Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)

  Taping Embossed 3000pcs

## Products characteristics table

| | |
|---|---|
| Capacitance | 0.33 uF ± 20 % |
| Case Size (EIA/JIS) | 0805/2012 |
| Rated Voltage | 50 V |
| tan δ (max) | 3.5 % |
| Temperature Characteristic (EIA) | X7S |
| Operating Temp. Range (EIA) | -55 to +125 ℃ |
| High Temperature Loading (% Rated Voltage) | 150 % |
| Insulation Resistance (min) | 100 MΩ·μF |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (205 subst.) | Yes |
| Soldering | Reflow |

## External Dimensions

| | |
|---|---|
| Dimension L | 2.0 +0.20/-0.00 mm |
| Dimension W | 1.25 +0.20/-0.00 mm |
| Dimension T | 1.25 +0.20/-0.00 mm |
| Dimension e | 0.50 ±0.25 mm |

2020.06.17

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.

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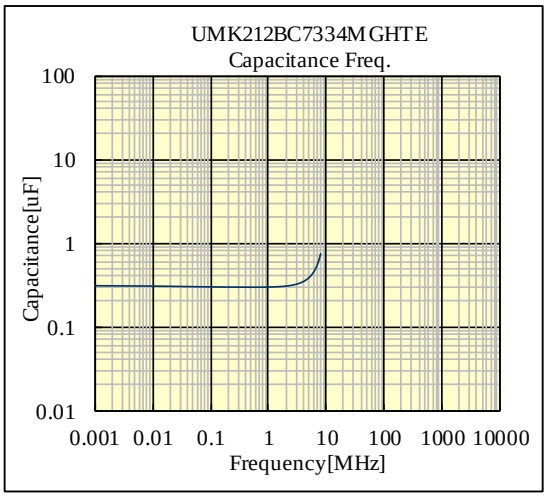
# Multi Layer Ceramic Capacitor -Electrical Characteristics Data- 20U2A03

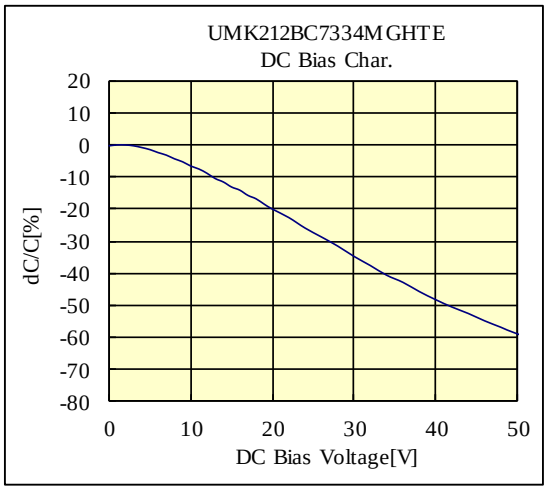
*RoHS compliance product*

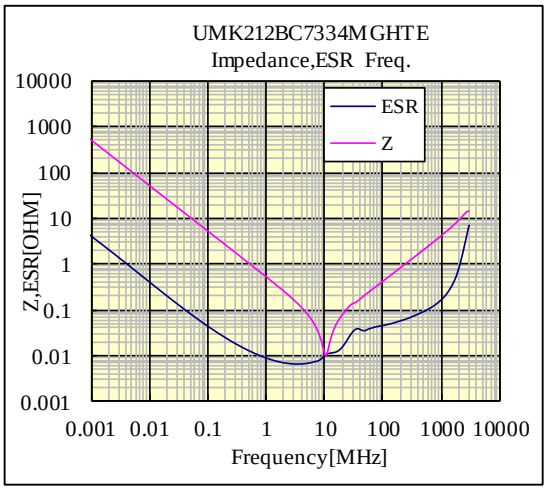
## ○*UMK212BC7334MGHTE*

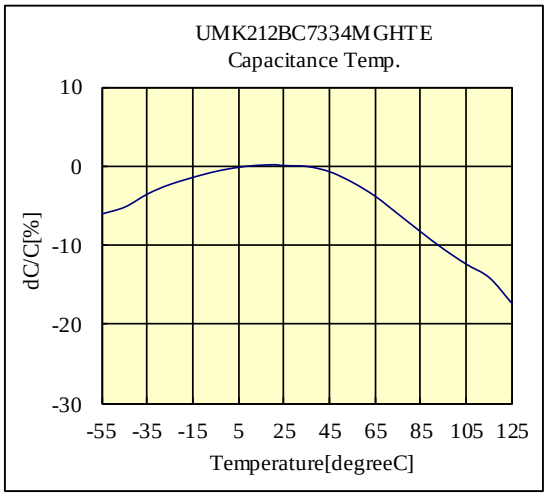
***50V 2012 X7S 0.33uF +/- 20% t=1.45mmMAX***
***50V 0805 X7S 0.33uF +/- 20% t=0.057inchMAX***

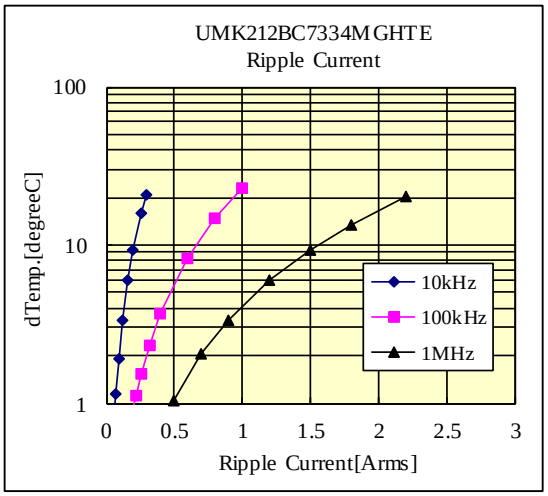





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  Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment,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

  *Note: There is a possibility that our products can be used only for aviation equipment that does not directly affect the safe operation of aircraft (e.g., in-flight entertainment, cabin light, electric seat, cooking equipment) if such use meets requirements specified separately by TAIYO YUDEN. Please be sure to contact TAIYO YUDEN for further information before using our products for such aviation equipment.

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