

MLCC for Automotive (POWERTRAIN, SAFETY) Applications

UMF325B7473KNHT



■ Features

- Item Summary  
0.047uF±10%, 50V,  
X7R, 1210/3225 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

■ Products characteristics table

|   |                 |
|---|-----------------|
| Capacitance                                   | 0.047 uF ± 10 % |
| Case Size (EIA/JIS)                           | 1210/3225       |
| Rated Voltage                                 | 50 V            |
| tan δ (max)                                   | 2.5 %           |
| Temperature Characteristic (EIA)              | X7R             |
| Operating Temp. Range (EIA)                   | -55 to +125 °C  |
| High Temperature Loading<br>(% Rated Voltage) | 200 %           |
| Insulation Resistance (min)                   | 100 MΩ · μF     |
| RoHS Compliance (10 subst.)                   | Yes             |
| REACH Compliance (209 subst.)                 | Yes             |
| Halogen Free                                  | Yes             |
| Soldering                                     | Reflow          |

■ External Dimensions

|             |               |
|-------------|---------------|
| Dimension L | 3.2 ±0.30 mm  |
| Dimension W | 2.5 ±0.20 mm  |
| Dimension T | 1.9 ±0.20 mm  |
| Dimension e | 0.60 ±0.30 mm |

2021.07.01

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

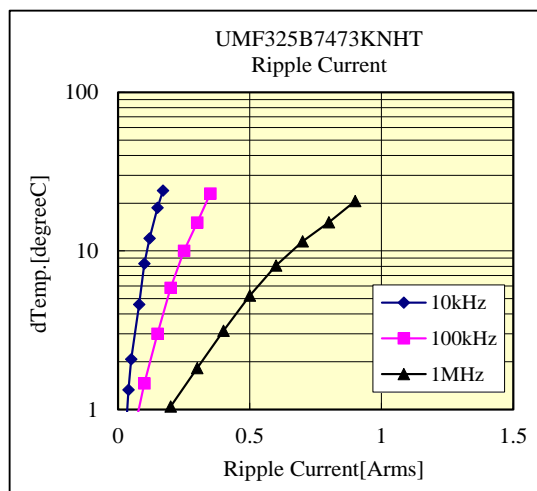
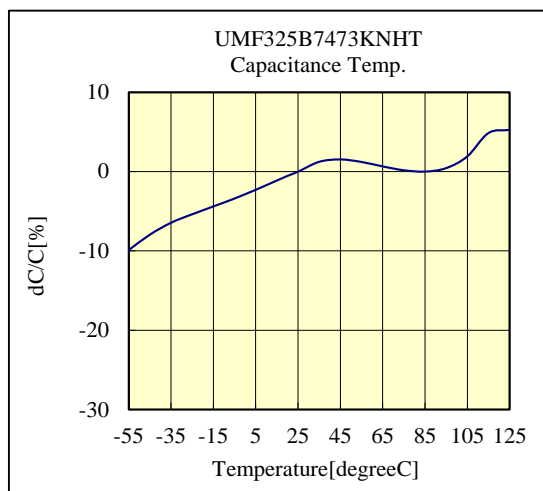
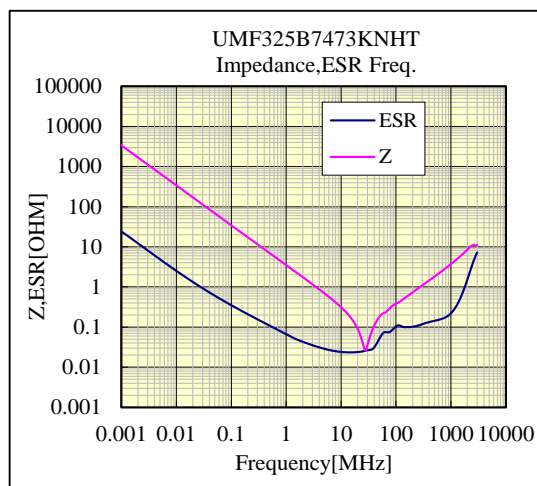
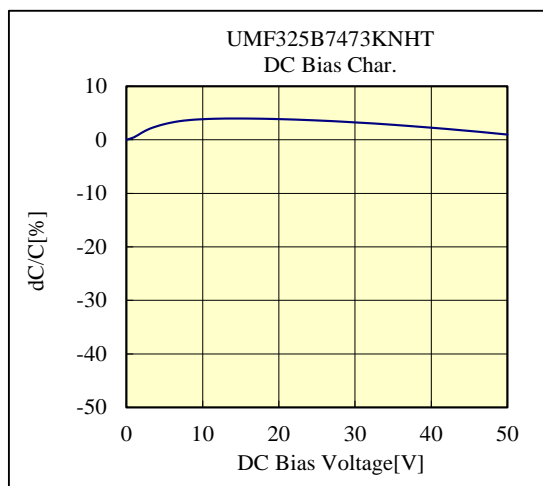
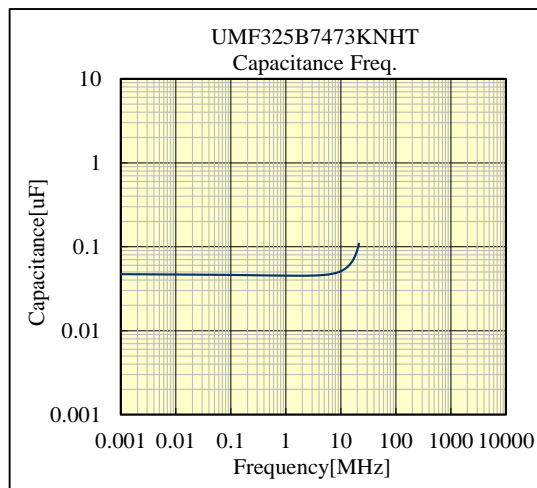
-Electrical Characteristics Data-

20QA10

RoHS compliance product

### ○UMF325B7473KNHT

**50V 3225 X7R 0.047uF +/- 10% t=2.1mmMAX**  
**50V 1210 X7R 0.047uF +/- 10% t=0.083inchMAX**



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