

## Medium-High Voltage Multilayer Ceramic Capacitors

## SMK325B7333MN-T



## ■ Features

- Item Summary  
0.033uF±20%, 630V,  
X7R, 1210/3225 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

|                                               |                 |
|-----------------------------------------------|-----------------|
| Capacitance                                   | 0.033 uF ± 20 % |
| Case Size (EIA/JIS)                           | 1210/3225       |
| Rated Voltage                                 | 630 V           |
| tan δ (max)                                   | 2.5 %           |
| Temperature Characteristic (EIA)              | X7R             |
| Operating Temp. Range (EIA)                   | -55 to +125 °C  |
| High Temperature Loading<br>(% Rated Voltage) | 120 %           |
| 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 |

2021.10.02

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

TAIYO YUDEN

-Electrical Characteristics Data-

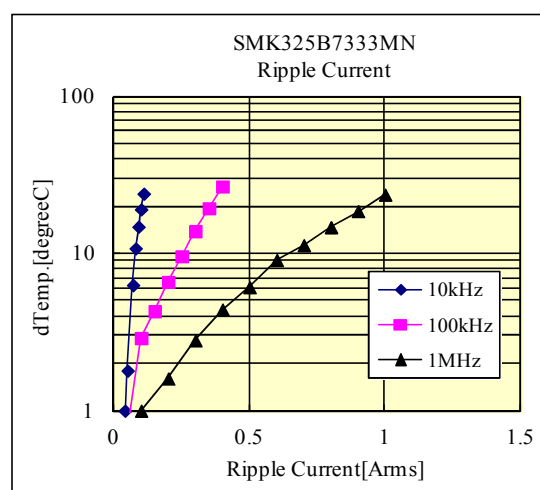
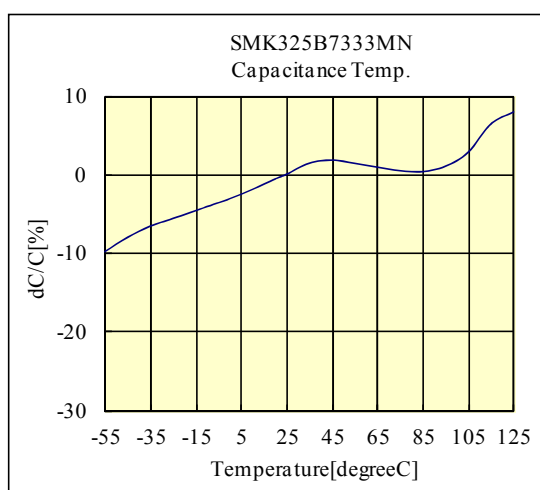
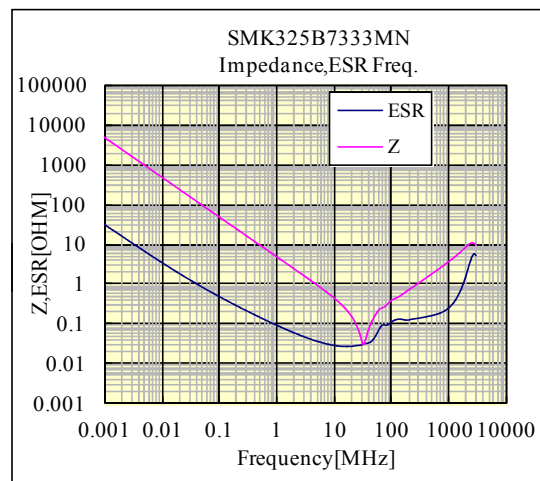
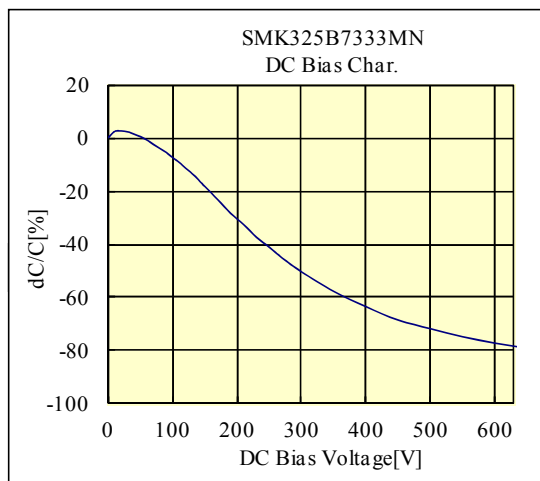
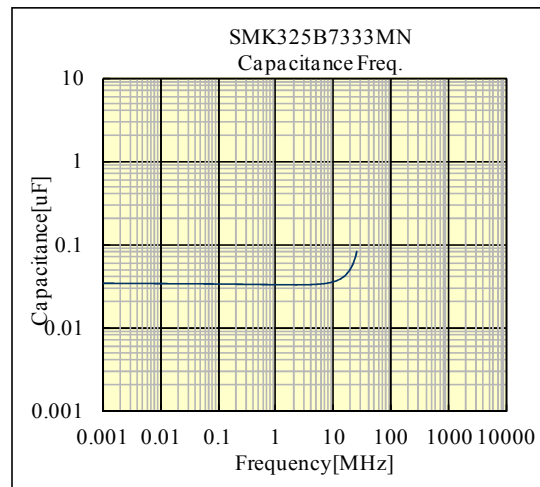
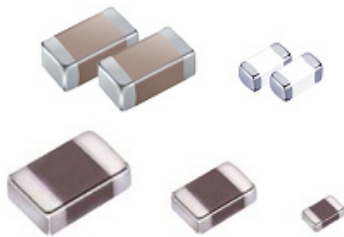
16QA02

RoHS compliance product

## ○SMK325B7333MN

630V 3225 X7R 0.033 $\mu$ F  $\pm$ 20%  $t=2.1\text{mm}$ MAX

630V 1210 X7R 0.033 $\mu$ F  $\pm$ 20%  $t=0.083\text{inch}$ MAX



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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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