

## Multilayer Ceramic Capacitors (High dielectric type)

## EMK063BJ473MP-F



## ■ Features

- Item Summary  
0.047uF±20%, 16V,  
X5R, 0201/0603 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Paper 15000pcs

## ■ Products characteristics table

|                                               |                 |
|-----------------------------------------------|-----------------|
| Capacitance                                   | 0.047 uF ± 20 % |
| Case Size (EIA/JIS)                           | 0201/0603       |
| Rated Voltage                                 | 16 V            |
| tan δ (max)                                   | 7.5 %           |
| Temperature Characteristic (EIA)              | X5R             |
| Operating Temp. Range (EIA)                   | -55 to +85 °C   |
| High Temperature Loading<br>(% Rated Voltage) | 150 %           |
| Insulation Resistance (min)                   | 10 GΩ           |
| RoHS Compliance (10 subst.)                   | Yes             |
| REACH Compliance (209 subst.)                 | Yes             |
| Halogen Free                                  | Yes             |
| Soldering                                     | Reflow          |

## ■ External Dimensions

|             |               |
|-------------|---------------|
| Dimension L | 0.6 ±0.03 mm  |
| Dimension W | 0.3 ±0.03 mm  |
| Dimension T | 0.3 ±0.03 mm  |
| Dimension e | 0.15 ±0.05 mm |

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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-

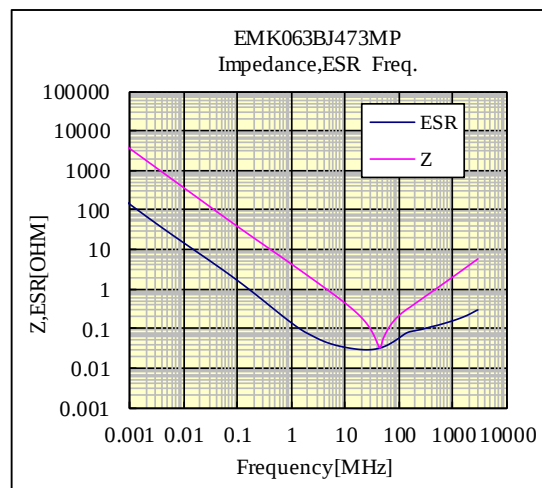
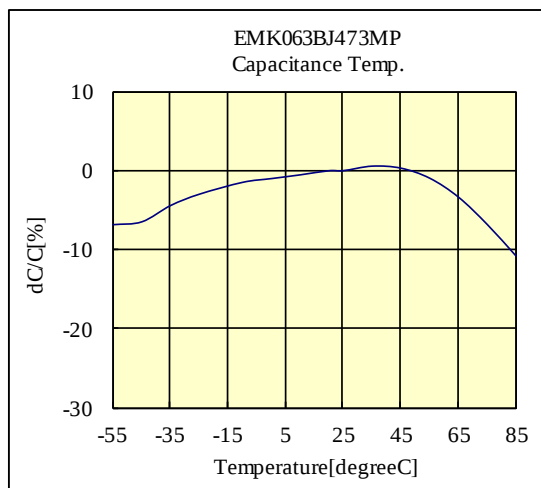
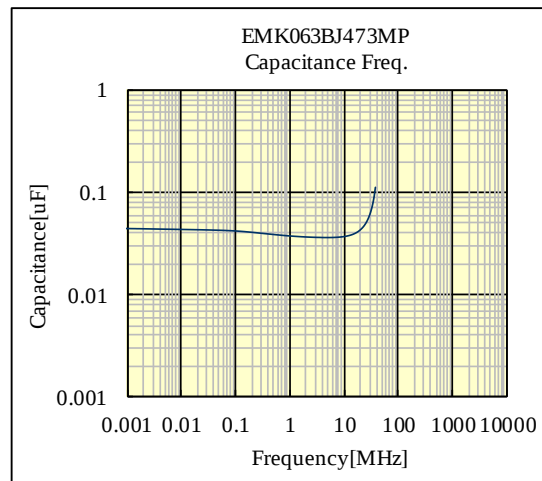
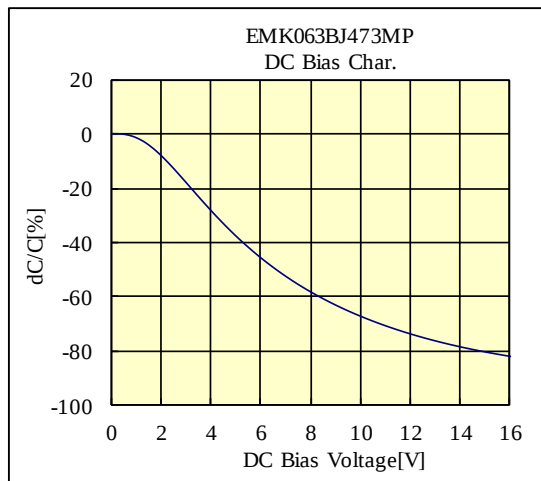
19R3A11

RoHS compliance product

### ○EMK063BJ473MP

16V 0603 X5R 0.047uF +/- 20% t=0.33mmMAX

16V 0201 X5R 0.047uF +/- 20% t=0.013inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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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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When our products are used even for high safety and/or reliability-required devices or circuits of general electronic equipment, it is strongly recommended to perform a thorough safety evaluation prior to use of our products and to install a protection circuit as necessary.

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