

## Multilayer Ceramic Capacitors (High dielectric type)

## EMK063B7682KP-F



## ■ Features

- Item Summary  
6800pF±10%, 16V,  
X7R, 0201/0603 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Paper 15000pcs

## ■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 6800 pF ± 10 % |
| Case Size (EIA/JIS)                           | 0201/0603      |
| Rated Voltage                                 | 16 V           |
| tan δ (max)                                   | 5 %            |
| Temperature Characteristic (EIA)              | X7R            |
| Operating Temp. Range (EIA)                   | -55 to +125 °C |
| High Temperature Loading<br>(% Rated Voltage) | 200 %          |
| 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 |

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

# TAIYO YUDEN

-Electrical Characteristics Data-

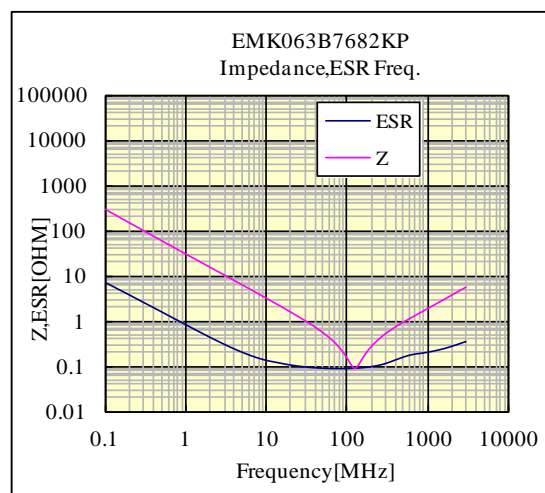
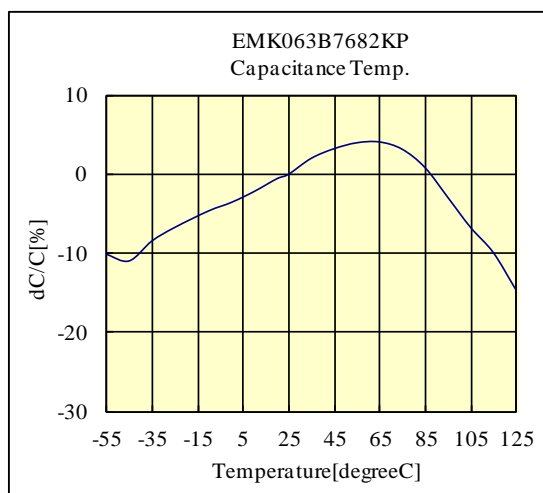
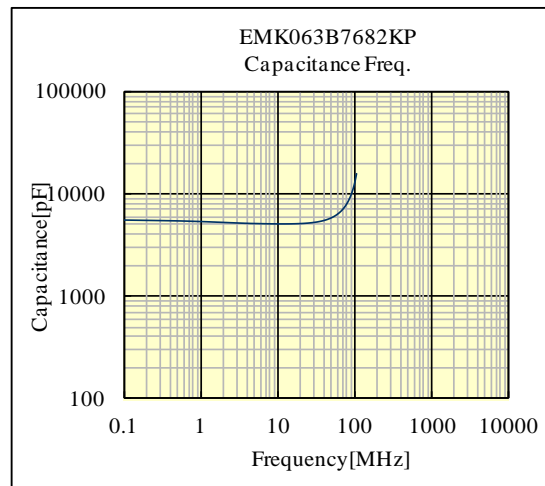
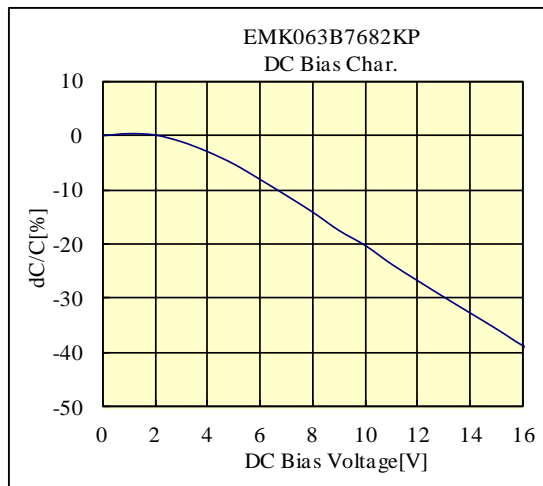
16R3A02

RoHS compliance product

## ○EMK063B7682KP

16V 0603 X7R 6800pF +/- 10% t=0.33mmMAX

16V 0201 X7R 6800pF +/- 10% t=0.013inchMAX



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