

## Multilayer Ceramic Capacitors (High dielectric type)

## EMK105BJ104KV-F



## ■ Features

- Item Summary  
0.1 $\mu$ F $\pm$ 10%, 16V,  
X5R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Non-preferred
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

## ■ Products characteristics table

|                                               |                          |
|-----------------------------------------------|--------------------------|
| Capacitance                                   | 0.1 $\mu$ F $\pm$ 10 %   |
| Case Size (EIA/JIS)                           | 0402/1005                |
| Rated Voltage                                 | 16 V                     |
| $\tan \delta$ (max)                           | 5 %                      |
| Temperature Characteristic (EIA)              | X5R                      |
| Operating Temp. Range (EIA)                   | -55 to +85 °C            |
| High Temperature Loading<br>(% Rated Voltage) | 150 %                    |
| Insulation Resistance (min)                   | 500 M $\Omega$ · $\mu$ F |
| RoHS Compliance (10 subst.)                   | Yes                      |
| REACH Compliance (191 subst.)                 | Yes                      |
| Halogen Free                                  | Yes                      |
| Soldering                                     | Reflow                   |

## ■ External Dimensions

|             |                    |
|-------------|--------------------|
| Dimension L | 1.0 $\pm$ 0.05 mm  |
| Dimension W | 0.5 $\pm$ 0.05 mm  |
| Dimension T | 0.5 $\pm$ 0.05 mm  |
| Dimension e | 0.25 $\pm$ 0.10 mm |

2019.04.03

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-

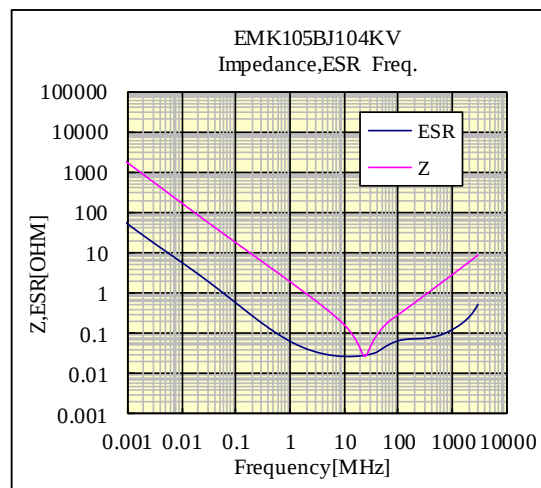
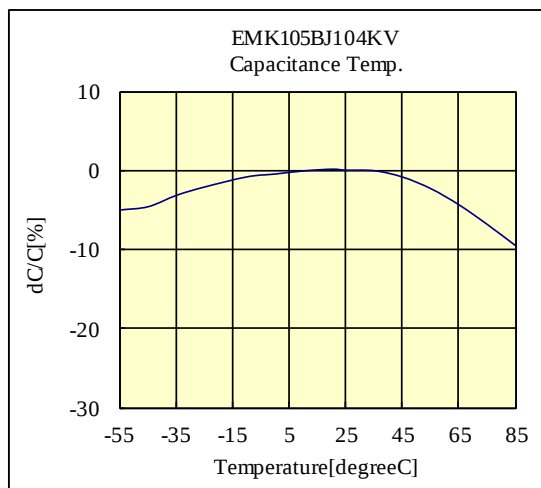
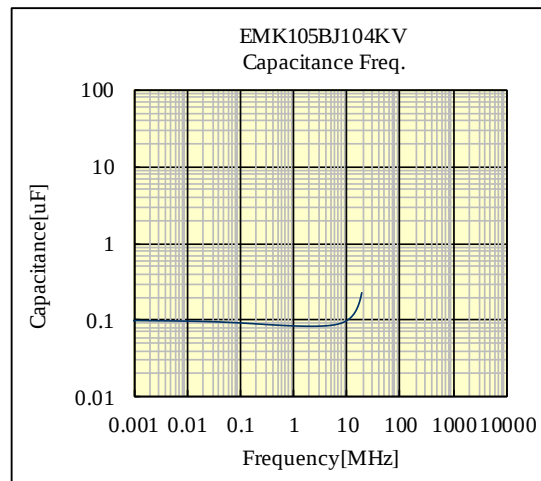
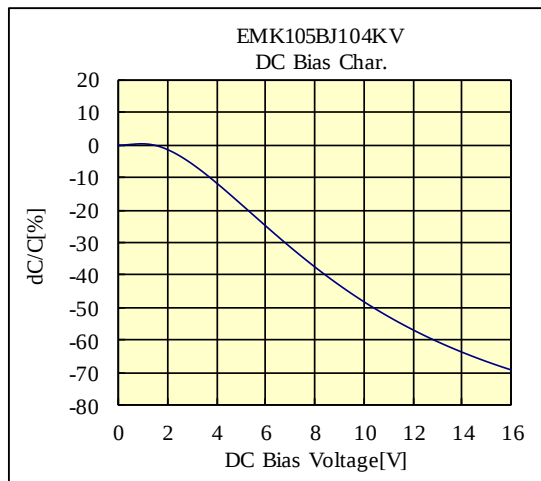
18HA09

RoHS compliance product

### ○EMK105BJ104KV

16V 1005 X5R 0.1 $\mu$ F +/- 10% t=0.55mmMAX

16V 0402 X5R 0.1 $\mu$ F +/- 10% t=0.022inchMAX



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Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



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