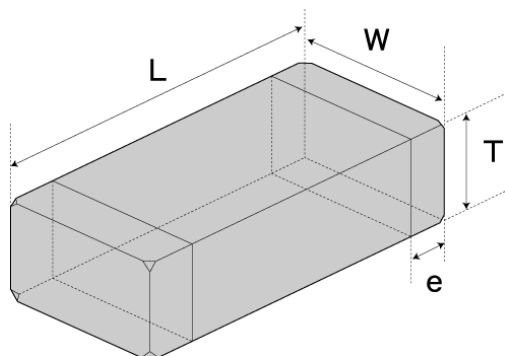


## High Value Multilayer Ceramic Capacitors (High dielectric type)

### EMK105BJ105KV-F



#### ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 10%, 16V,  
X5R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

#### ■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 10 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	16 V
tan $\delta$ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 $^{\circ}$ C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M $\Omega$ · $\mu$ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	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

2016.05.27

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
 Before making final selection, please check product specification.

# Multi Layer Ceramic Capacitor **TAIYO YUDEN**

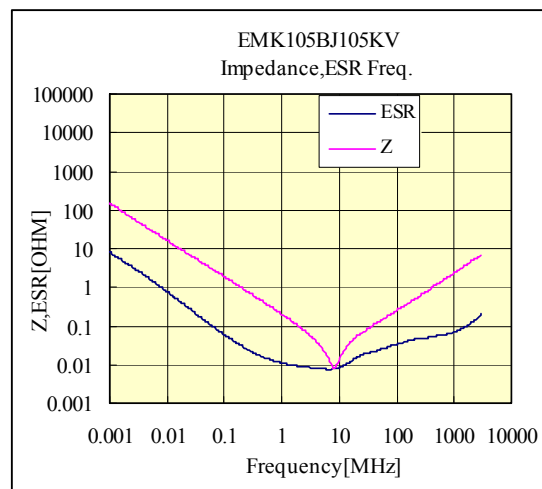
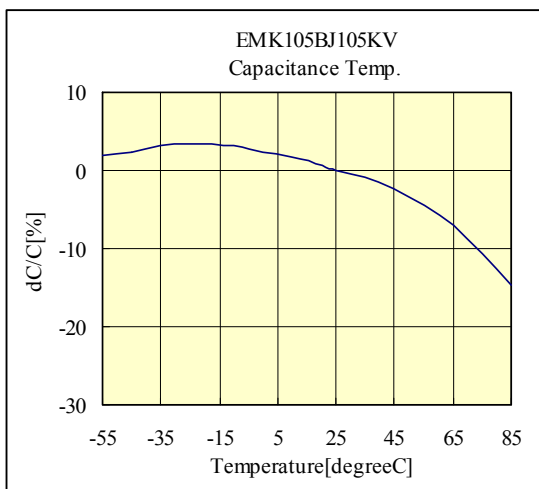
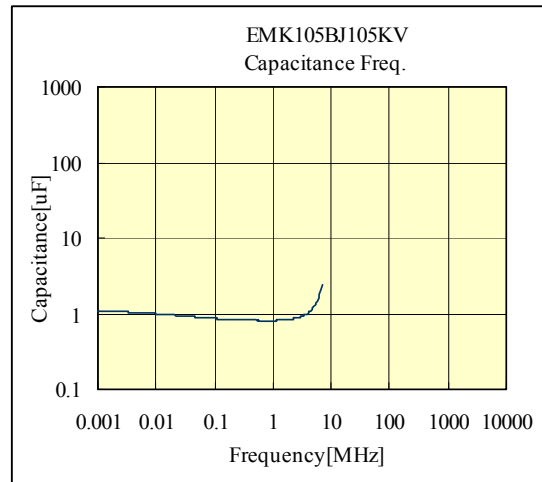
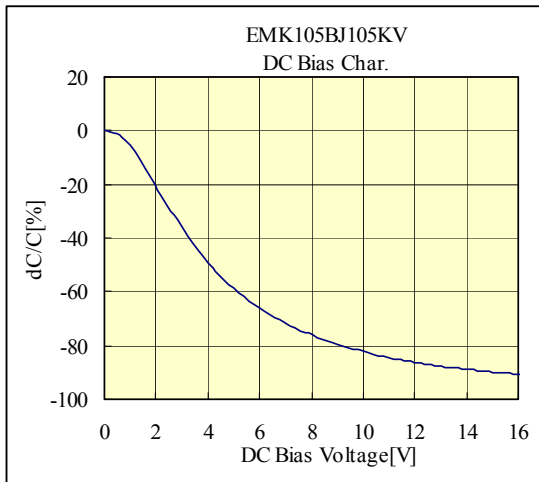
-Electrical Characteristics Data-

13R3A10

RoHS compliance product

## ○EMK105BJ105KV

**16V 1005 X5R 1uF +/- 10% t=0.55mmMAX**  
**16V 0402 X5R 1uF +/- 10% t=0.022inchMAX**



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