

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK105B7104KV-F



■ Features

- Item Summary
0.1uF±10%, 16V,
X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 10000pcs

■ Products characteristics table

Capacitance	0.1 uF ± 10 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	16 V
tan δ (max)	5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
HALT (% Rated Voltage)	150 %
Insulation Resistance (min)	500 MΩ · μF
RoHS2 Compliance	Yes
REACH Compliance	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.0 ±0.05 mm
Dimension W	0.5 ±0.05 mm
Dimension T	0.5 ±0.05 mm
Dimension e	0.25 ±0.10 mm

2016.01.25

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.

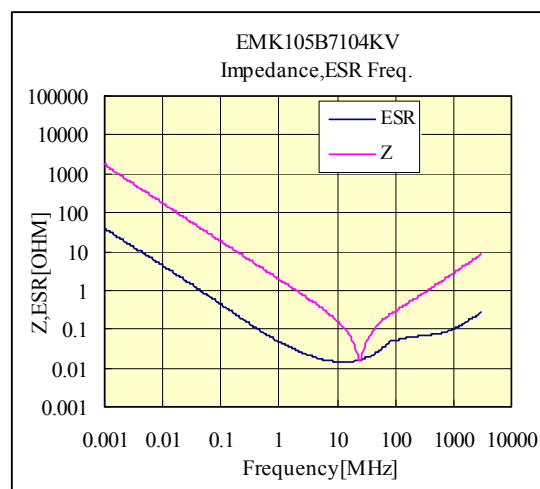
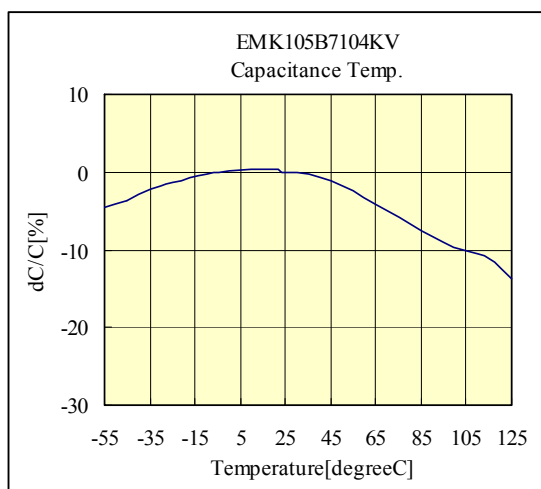
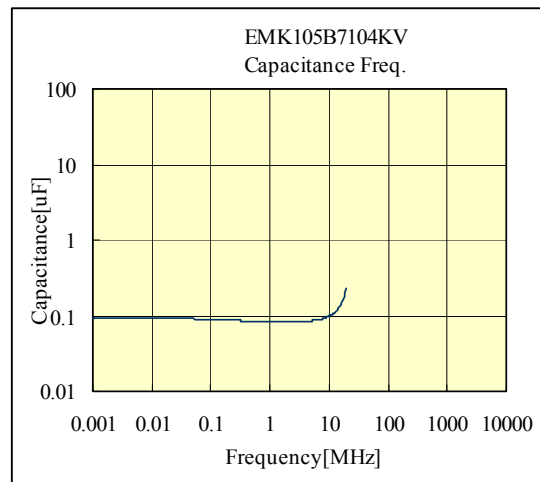
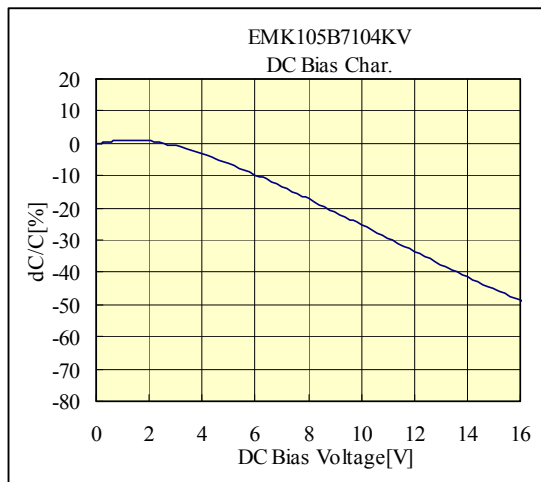
Multi Layer Ceramic Capacitor **TAIYO YUDEN**

-Electrical Characteristics Data- 13QA10

RoHS compliance product

○EMK105B7104KV

16V 1005 X7R 0.1uF +/- 10% t=0.55mmMAX
16V 0402 X7R 0.1uF +/- 10% t=0.022inchMAX



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