

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK105B7104KV-F



■ Features

- Item Summary
16V, X7R, 0.1 μ F, \pm 10%, 0402
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 10000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0402/1005
Rated Voltage (max)	16V
Capacitance	0.1 μ F
Capacitance Tolerance	\pm 10%
Resistance	500 M Ω · μ F min.
Dielectric Loss Tangent	5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125 $^{\circ}$ C/-
Capacitance Change (EIA/JIS)	\pm 15/-%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	1.0mm \pm 0.05
W	0.5mm \pm 0.05
T	0.5mm \pm 0.05
e	0.25mm \pm 0.10

2014.11.26

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

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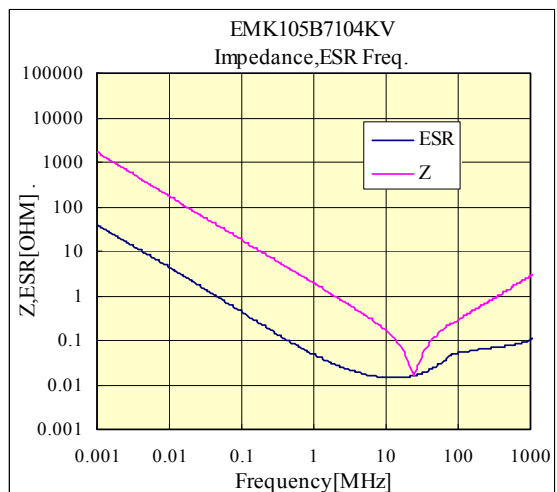
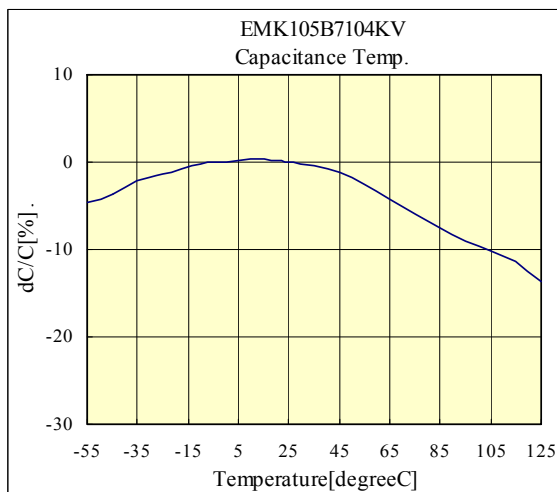
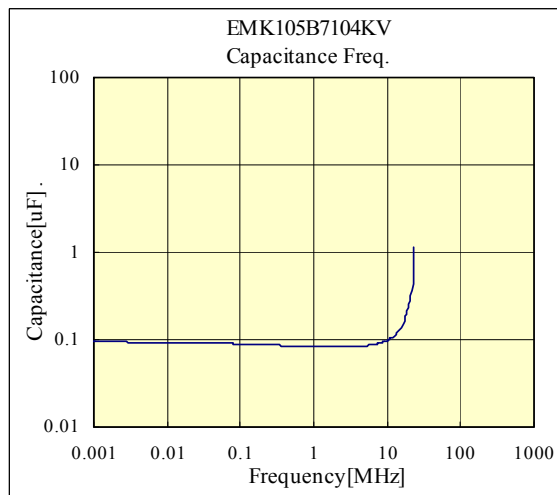
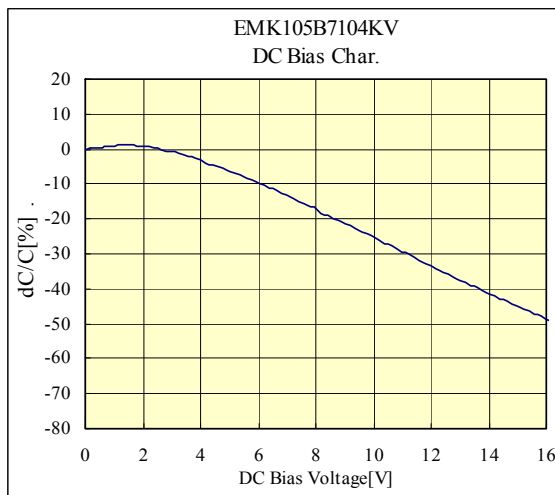
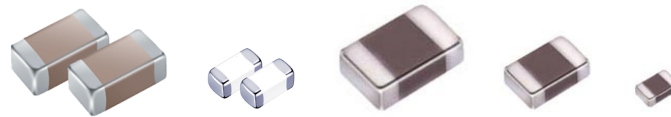
-Electrical Characteristics Data- 10QA08

RoHS compliance product

○EMK105B7104KV

16V 1005 X7R 0.1 μ F +/-10% t=0.55mmMAX

16V 0402 X7R 0.1 μ F +/-10% t=0.022inchMAX



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