

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK105F104ZV-F



■ Features

- Item Summary  
0.1uF+80%/-20%, 16V,  
Y5V/F, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Non-preferred
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

■ Products characteristics table

Capacitance	0.1 uF +80%/-20%
Case Size (EIA/JIS)	0402/1005
Rated Voltage	16 V
tan δ (max)	9 %
Temperature Characteristic (EIA)	Y5V
Operating Temp. Range (EIA)	-30 to +85 °C
Temperature Characteristic (JIS)	F
Operating Temp. Range (JIS)	-25 to +85 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	500 MΩ · μF
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	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

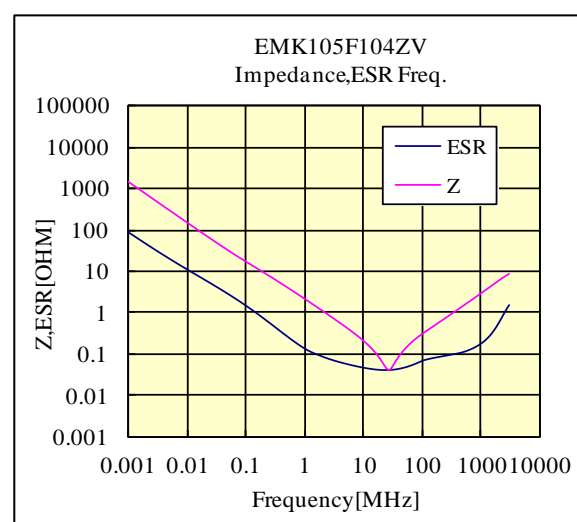
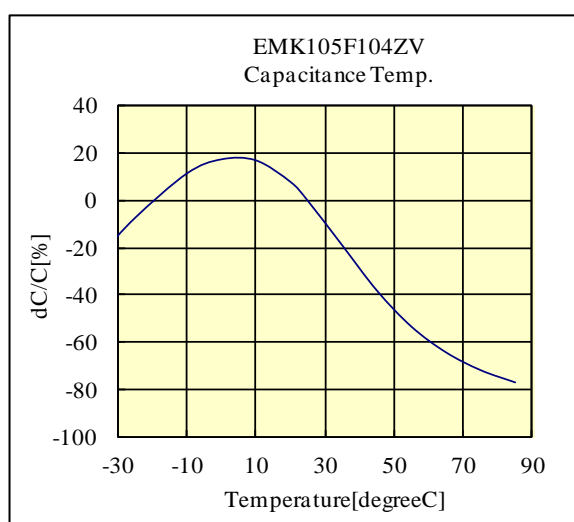
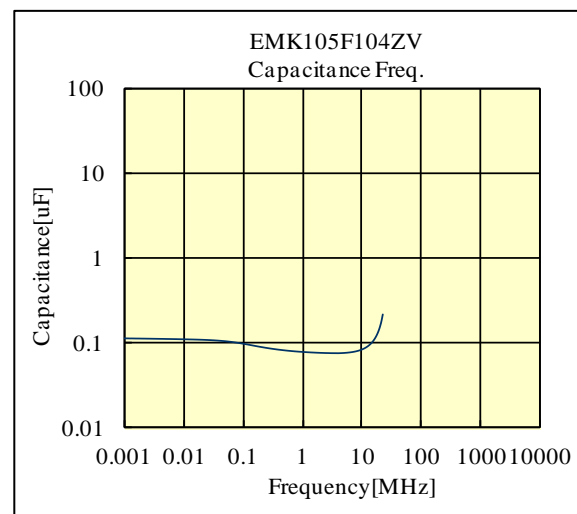
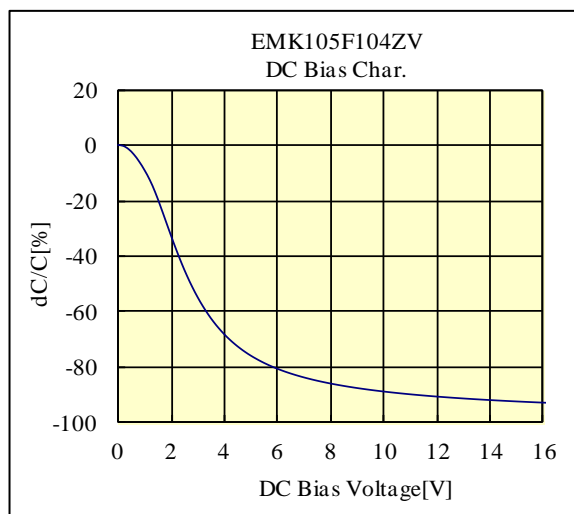
2017.04.30

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.

## ○EMK105F104ZV

16V 1005 F/Y5V 0.1uF +80/-20% t=0.55mmMAX

16V 0402 F/Y5V 0.1uF +80/-20% t=0.022inchMAX



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