

## Multilayer Ceramic Capacitors

## EMK105BJ473MVHF



## ■ Features

- Item Summary  
0.047 $\mu$ F $\pm$ 20%, 16V,  
X5R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
New PN available
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Paper 10000pcs

## ■ Products characteristics table

|   |                          |
|---|--------------------------|
| Capacitance                                   | 0.047 $\mu$ F $\pm$ 20 % |
| Case Size (EIA/JIS)                           | 0402/1005                |
| Rated Voltage                                 | 16 V                     |
| $\tan \delta$ (max)                           | 3.5 %                    |
| Temperature Characteristic (EIA)              | X5R                      |
| Operating Temp. Range (EIA)                   | -55 to +85 °C            |
| High Temperature Loading<br>(% Rated Voltage) | 150 %                    |
| Insulation Resistance (min)                   | 10 G $\Omega$            |
| RoHS Compliance (10 subst.)                   | Yes                      |
| REACH Compliance (223 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 |

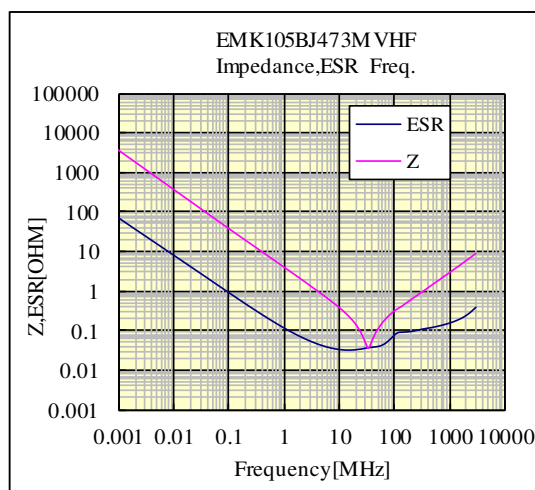
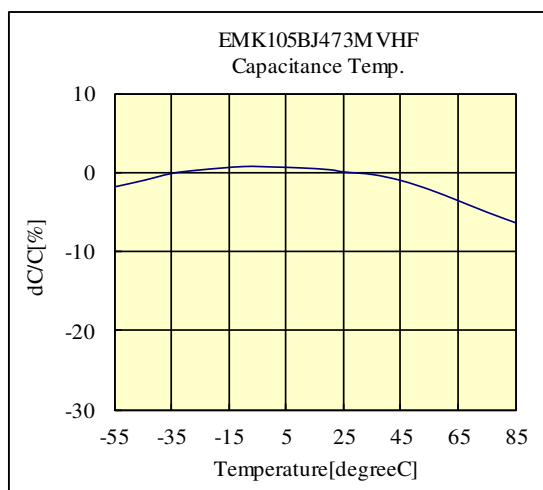
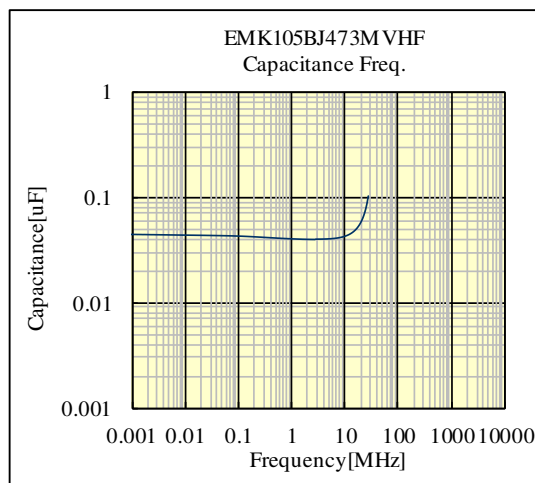
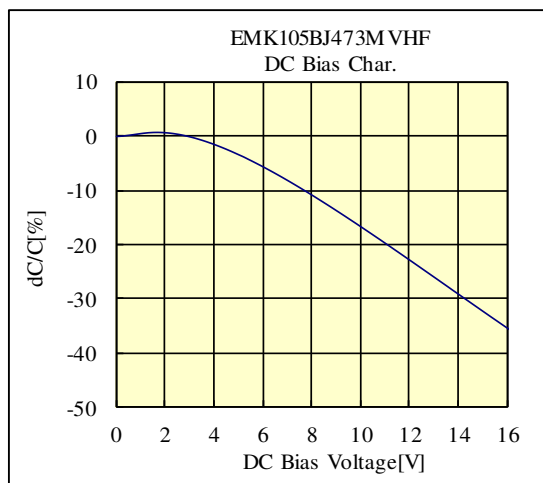
2022.06.01

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.

### ○EMK105BJ473MVHF

16V 1005 X5R 0.047uF +/- 20% t=0.55mmMAX

16V 0402 X5R 0.047uF +/- 20% t=0.022inchMAX



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