

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

### TMK105B7103MV-F



#### ■ Features

- Item Summary  
0.01  $\mu\text{F} \pm 20\%$ , 25V,  
X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

#### ■ Products characteristics table

Capacitance	0.01 $\mu\text{F} \pm 20\%$
Case Size (EIA/JIS)	0402/1005
Rated Voltage	25 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 G $\Omega$
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 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

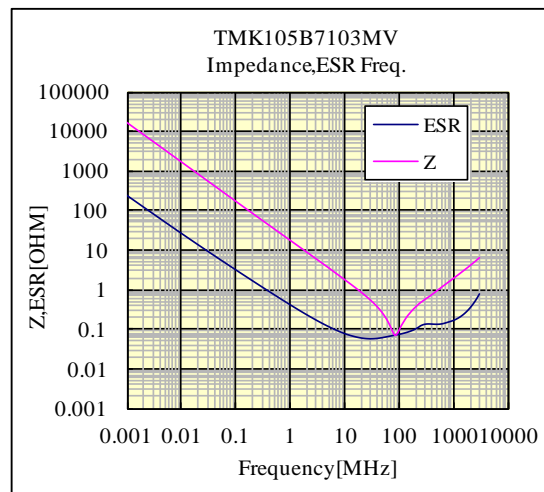
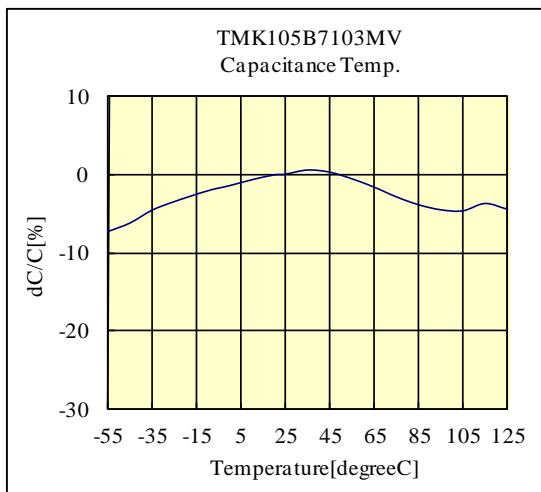
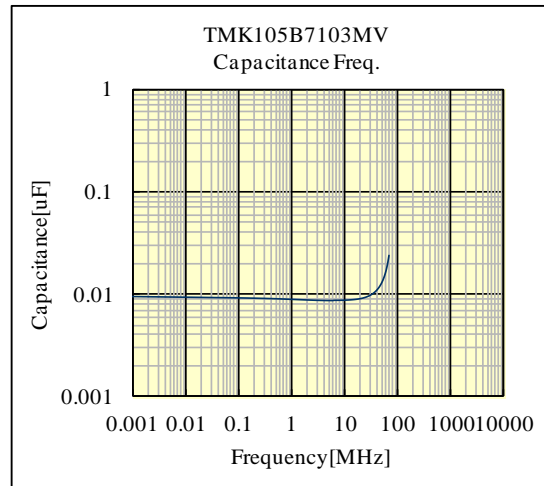
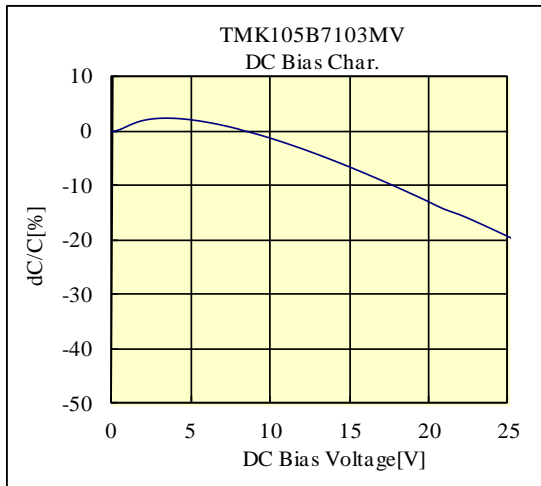
2017.04.30

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.

## ○TMK105B7103MV

25V 1005 X7R 0.01uF +/- 20% t=0.55mmMAX

25V 0402 X7R 0.01uF +/- 20% t=0.022inchMAX



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