

## High Reliability (Automotive) Application Multilayer Ceramic Capacitors

## LMF105B7103KVHF



## ■ Features

- Item Summary  
0.01 $\mu$ F $\pm$ 10%, 10V,  
X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

## ■ Products characteristics table

Capacitance	0.01 $\mu$ F $\pm$ 10 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	10 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M $\Omega$ · $\mu$ F
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

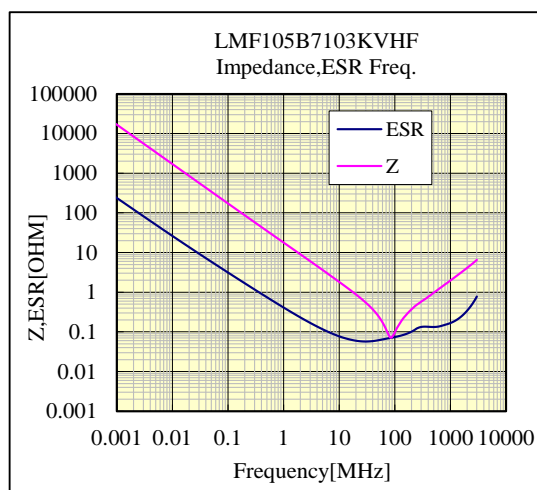
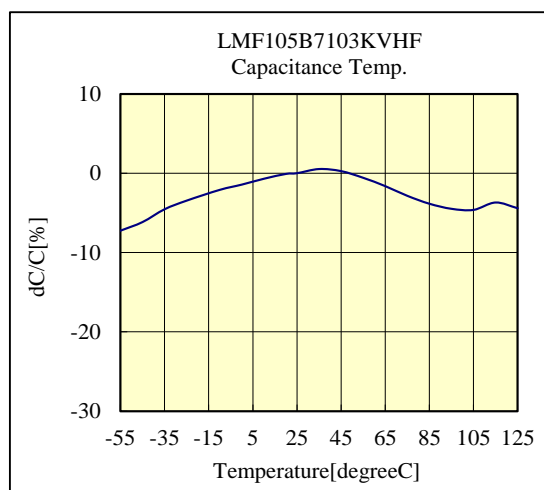
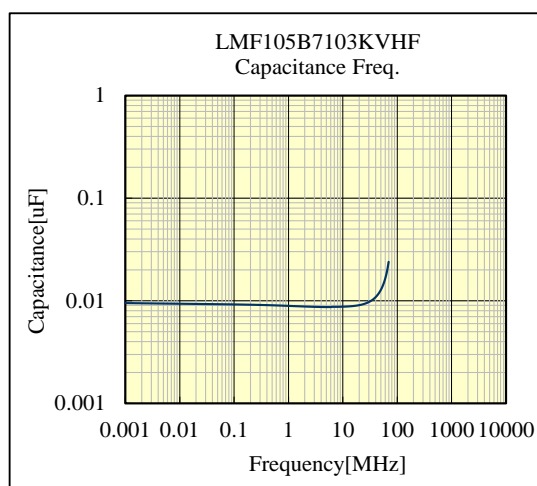
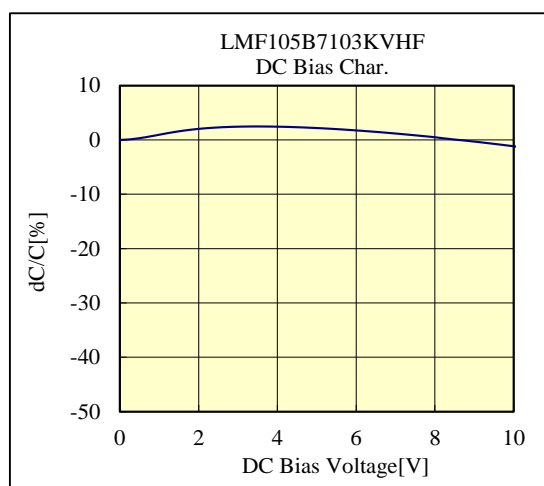
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

### ○LMF105B7103KVHF

10V 1005 X7R 0.01 $\mu$ F +/- 10% t=0.55mmMAX

10V 0402 X7R 0.01 $\mu$ F +/- 10% t=0.022inchMAX



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