

### TMK105B7682KVHF



#### ■ Features

- Item Summary  
25V, X7R, 6800pF,  $\pm 10\%$ , 0402
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

#### ■ Products characteristics table

CaseSize (EIA/JIS)	0402/1005
Rated Voltage (max)	25V
Capacitance	6800pF
Capacitance Tolerance	$\pm 10\%$
Resistance	10,000 M $\Omega$ min.
Dielectric Loss Tangent	2.5%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 $\pm 0.10$

2015.01.15

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
 Before making final selection, please check product specification.

# Multi Layer Ceramic Capacitor

# TAIYO YUDEN

-Electrical Characteristics Data-

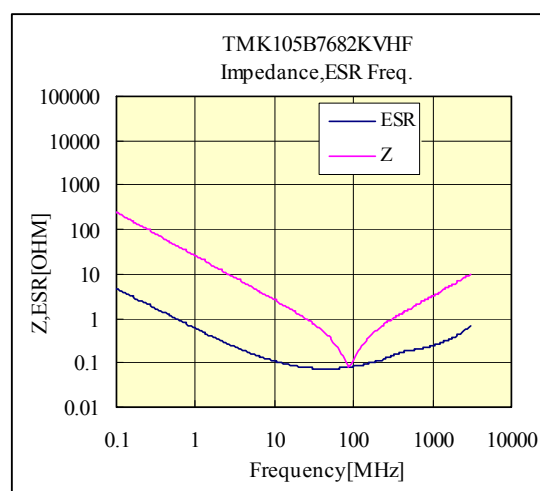
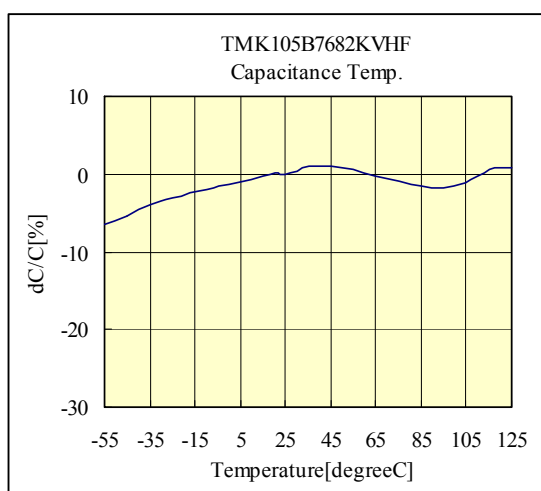
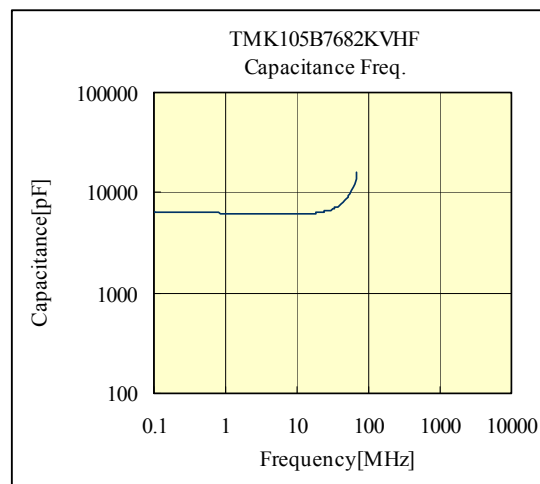
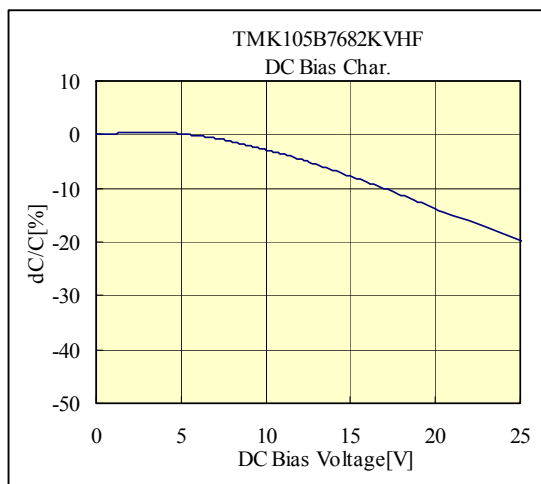
13QA01

RoHS compliance product

## ○TMK105B7682KVHF

25V 1005 X7R 6800pF +/- 10% t=0.55mmMAX

25V 0402 X7R 6800pF +/- 10% t=0.022inchMAX



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