

High Value Multilayer Ceramic Capacitors (High dielectric type)

TMK105B7682MV-F



■ Features

- Item Summary
25V, X7R, 6800pF, ±20%, 0402
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 10000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0402/1005
Rated Voltage (max)	25V
Capacitance	6800pF
Capacitance Tolerance	±20%
Resistance	10,000 MΩ min.
Dielectric Loss Tangent	2.5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125°C/-
Capacitance Change (EIA/JIS)	±15/-%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	1.0mm ±0.05
W	0.5mm ±0.05
T	0.5mm ±0.05
e	0.25mm ±0.10

2014.11.26

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.

Multi Layer Ceramic Capacitor

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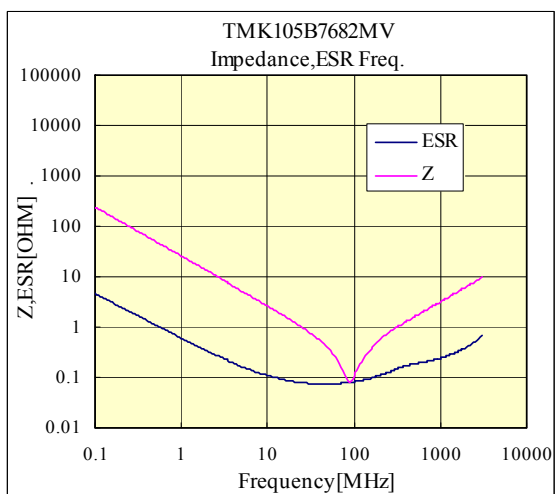
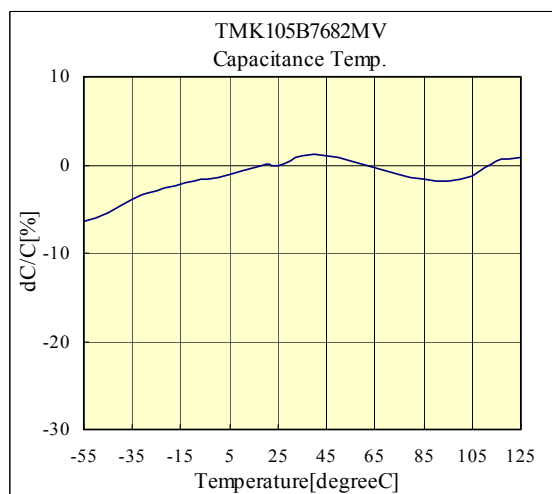
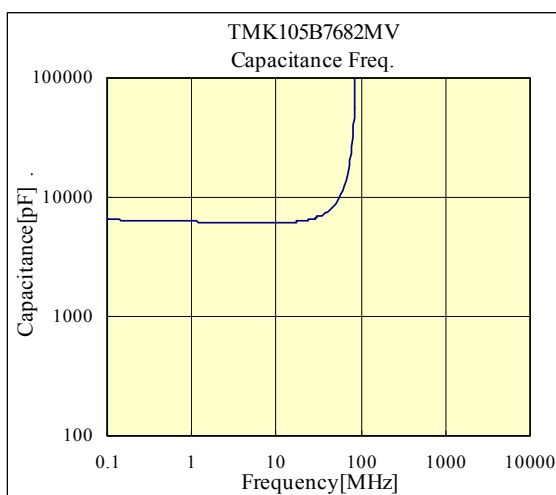
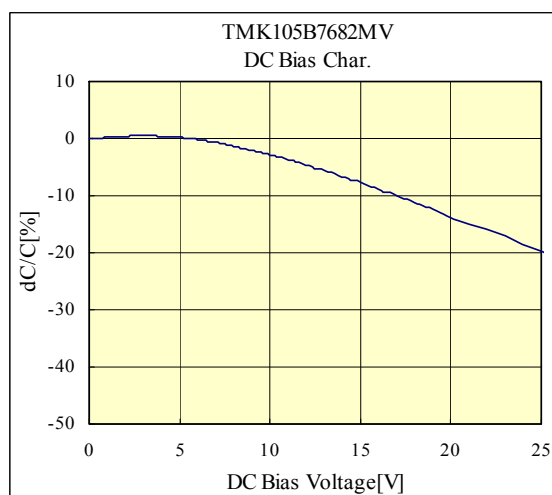
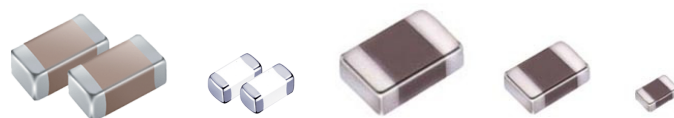
-Electrical Characteristics Data- 10QA10

RoHS compliance product

○ **TMK105B7682MV**

25V 1005 X7R 6800pF +/-20% t=0.55mmMAX

25V 0402 X7R 6800pF +/-20% t=0.022inchMAX



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