

MLCC for Automotive (POWERTRAIN, SAFETY) Applications

JMR105CD7105MV-F



■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 6.3V,  
X7T, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Paper 10000pcs

■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	6.3 V
tan $\delta$ (max)	10 %
Temperature Characteristic (EIA)	X7T
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M $\Omega$ · $\mu$ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.0 +0.20/-0.00 mm
Dimension W	0.5 +0.20/-0.00 mm
Dimension T	0.5 +0.20/-0.00 mm
Dimension e	0.25 $\pm$ 0.10 mm

2020.10.01

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

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

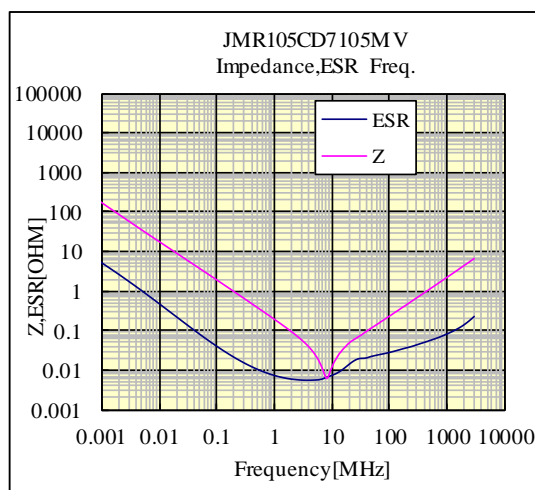
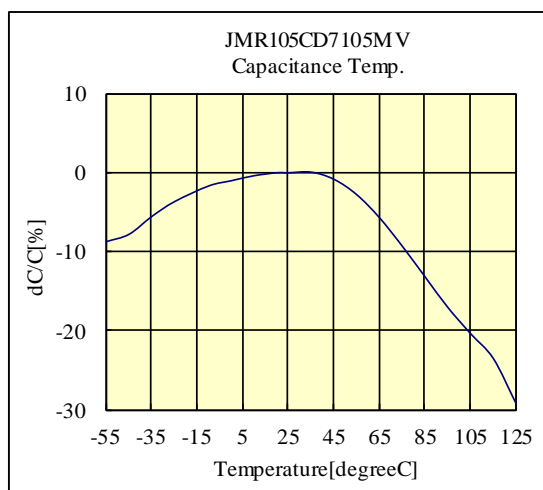
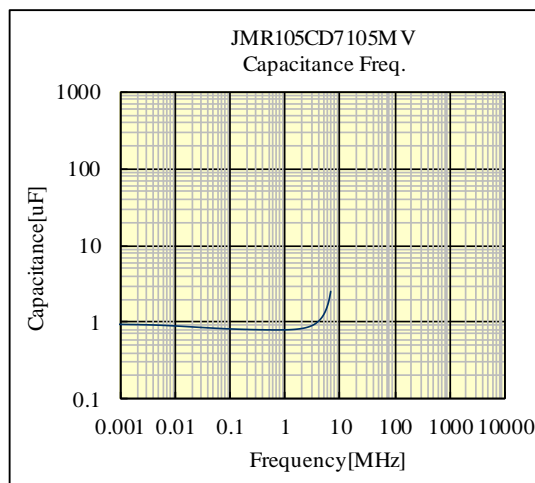
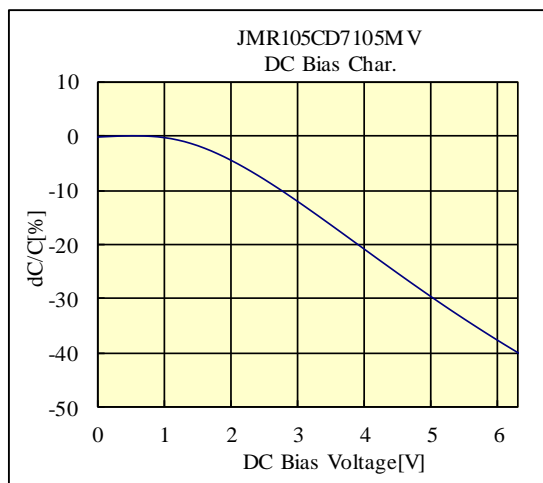
20KKA03

RoHS compliance product

### ○JMR105CD7105MV

6.3V 1005 X7T 1uF +/- 20% t=0.7mmMAX

6.3V 0402 X7T 1uF +/- 20% t=0.028inchMAX



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Before making final selection, please check product specification.

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