

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.  
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 Before making final selection, please check product specification.

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

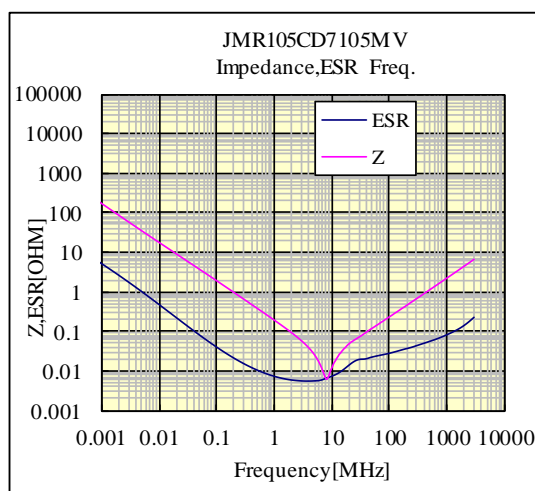
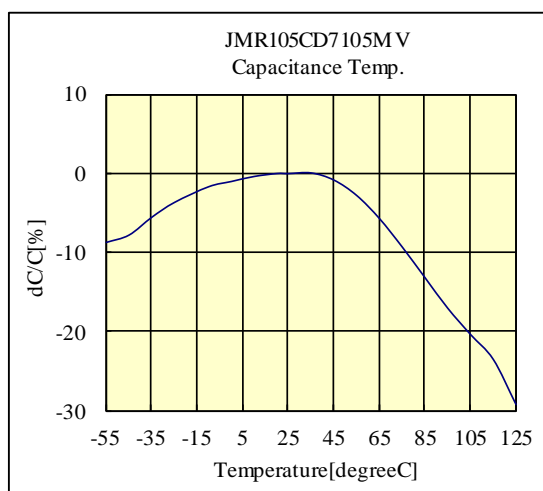
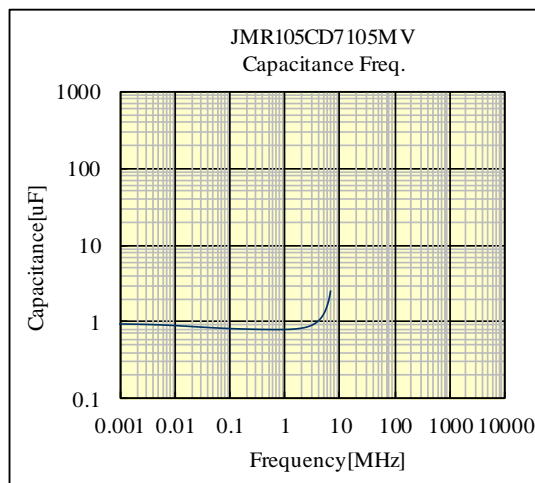
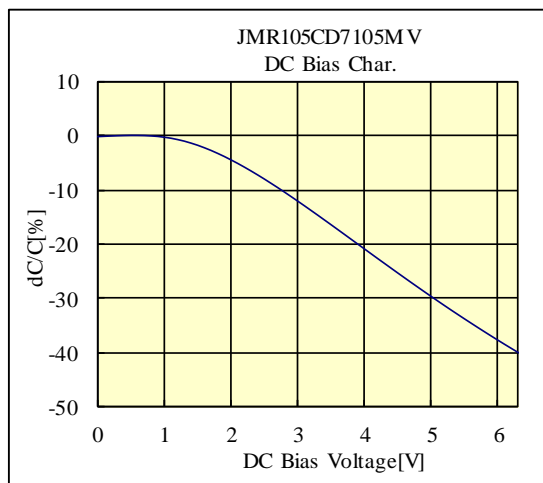
20KKA03

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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