

Spec Sheet

Medium-High Voltage MLCC for Automotive (POWERTRAIN, SAFETY) Applications

HMR212CC7105KG-T



■ Features

- Item Summary
1 μ F $\pm$ 10%, 100V,
X7S, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Capacitance	1 μ F $\pm$ 10 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	100 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7S
Operating Temp. Range (EIA)	-55 to +125 $^{\circ}$ C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M Ω $\cdot$ μ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (205 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	2.0 +0.25/-0.00 mm
Dimension W	1.25 +0.25/-0.00 mm
Dimension T	1.25 +0.25/-0.00 mm
Dimension e	0.50 $\pm$ 0.25 mm

2020.05.27

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-

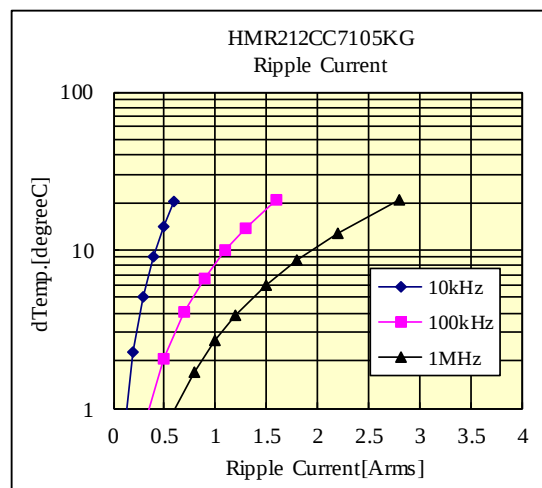
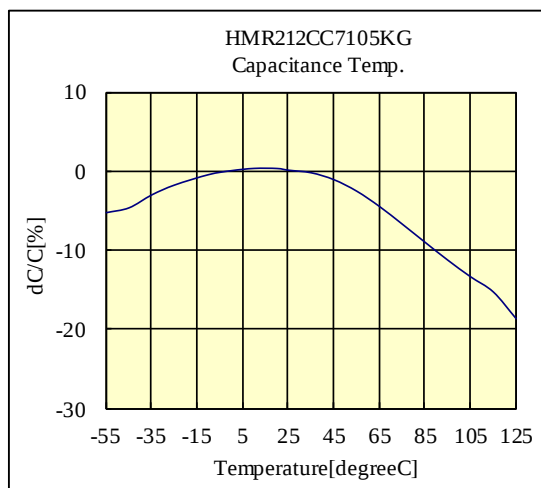
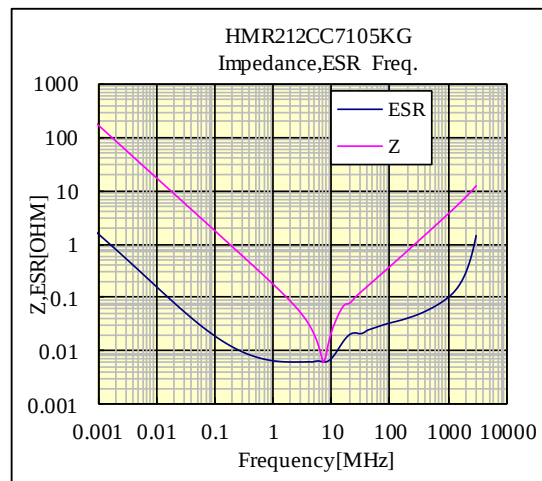
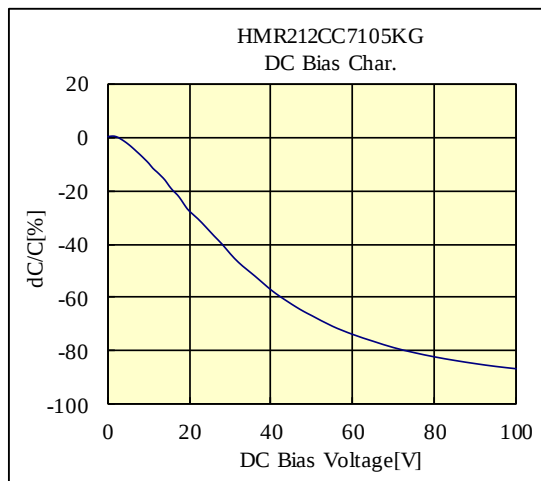
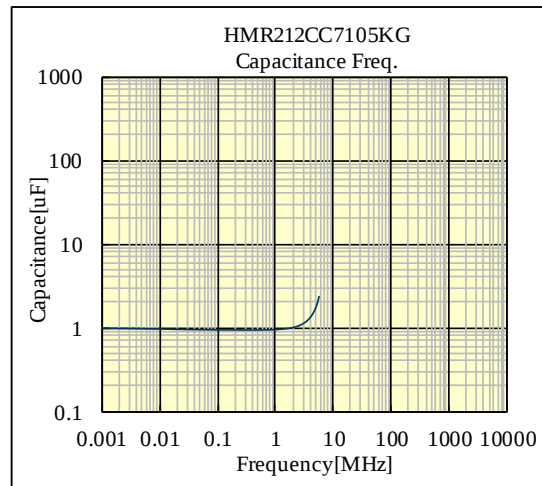
20U2A03

RoHS compliance product

○HMR212CC7105KG

100V 2012 X7S 1uF +/- 10% t=1.5mmMAX

100V 0805 X7S 1uF +/- 10% t=0.059inchMAX



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