



**THE DATASHEET OF
LMK212B7105KD-T**



Multilayer Ceramic Capacitors

LMK212B7105KD-T



■ Features

- Item Summary
1 μ F \pm 10%, 10V,
X7R, 0805/2012 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

Capacitance	1 μ F \pm 10 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	10 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	500 M Ω · μ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

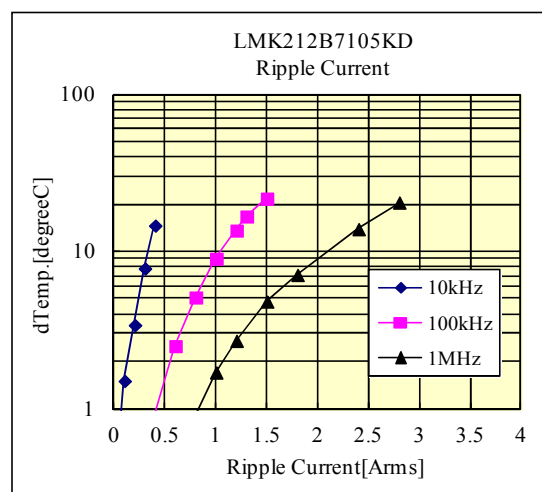
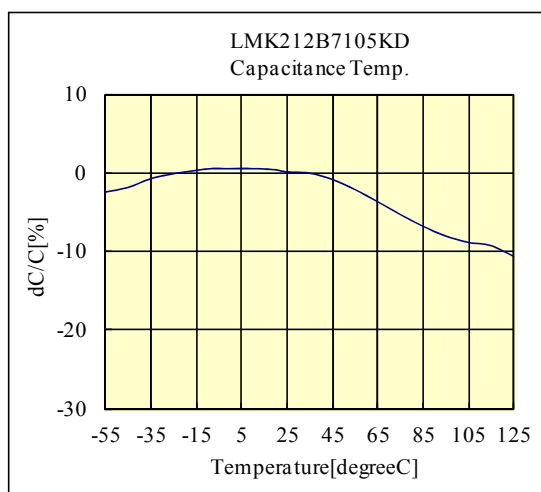
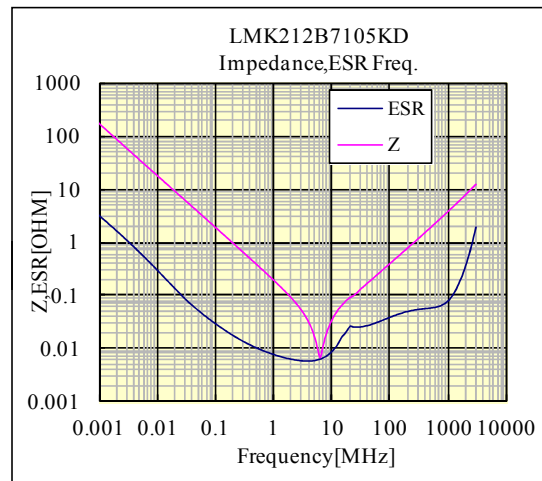
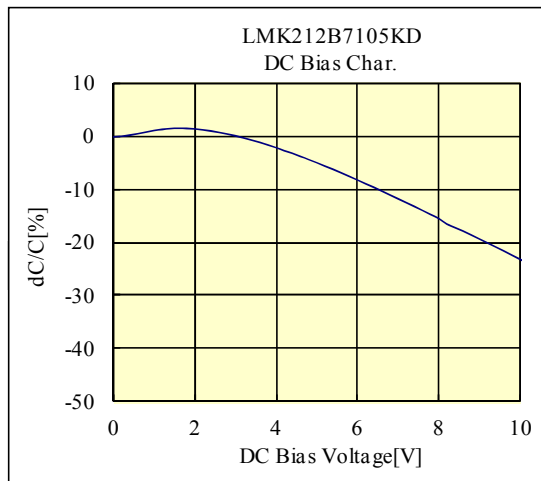
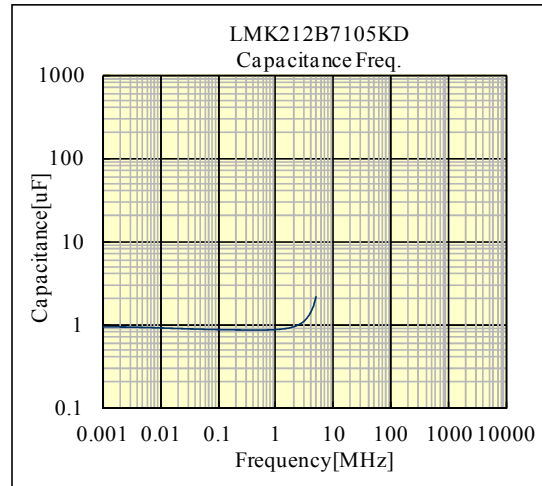
Dimension L	2.0 \pm 0.10 mm
Dimension W	1.25 \pm 0.10 mm
Dimension T	0.85 \pm 0.10 mm
Dimension e	0.50 \pm 0.25 mm

2022.05.31

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.

○ LMK212B7105KD

10V 2012 X7R 1 μ F +/- 10% t=0.95mmMAX
10V 0805 X7R 1 μ F +/- 10% t=0.037inchMAX



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