

## Multilayer Ceramic Capacitors (High dielectric type)

## AMK063AC6105KP-F



## ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 10%, 4V,  
X6S, 0201/0603 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 15000pcs

## ■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 10 %
Case Size (EIA/JIS)	0201/0603
Rated Voltage	4 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X6S
Operating Temp. Range (EIA)	-55 to +105 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M $\Omega$ · $\mu$ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (181 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	0.6 $\pm$ 0.05 mm
Dimension W	0.3 $\pm$ 0.05 mm
Dimension T	0.3 $\pm$ 0.05 mm
Dimension e	0.15 $\pm$ 0.05 mm

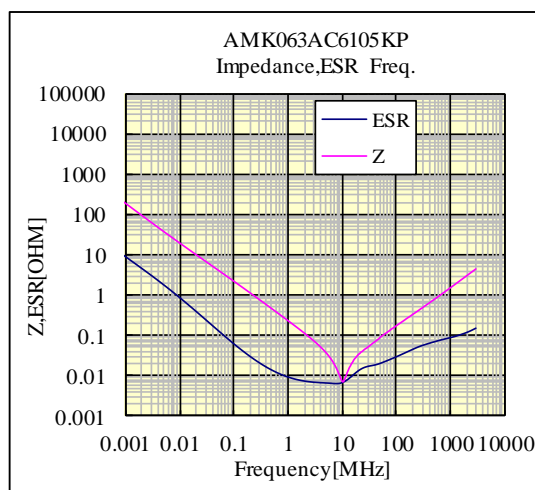
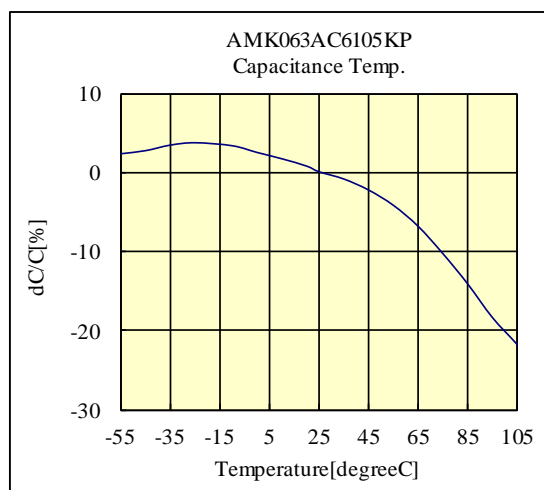
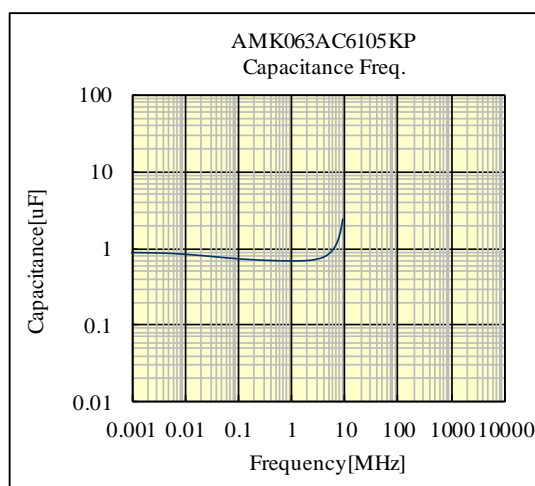
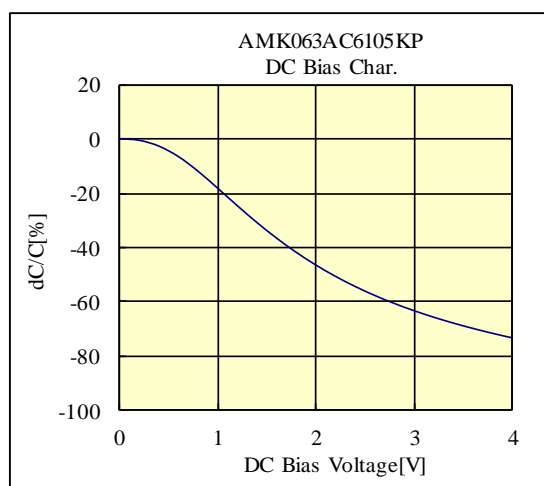
2018.10.18

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.

### ○AMK063AC6105KP

4V 0603 X6S 1uF +/- 10% t=0.35mmMAX

4V 0201 X6S 1uF +/- 10% t=0.014inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment\*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).

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