

# Spec Sheet

LW Reversal Decoupling Capacitors for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications (LWDC™)

## AWK105BJ105MPHF



### ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 4V,  
X5R, 0204/0510 (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)	0204/0510
Rated Voltage	4 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °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
Halogen Free	Yes
Soldering	Reflow

### ■ External Dimensions

Dimension L	0.52 $\pm$ 0.05 mm
Dimension W	1.0 $\pm$ 0.05 mm
Dimension T	0.3 $\pm$ 0.05 mm
Dimension e	0.18 $\pm$ 0.08 mm

2021.07.01

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-

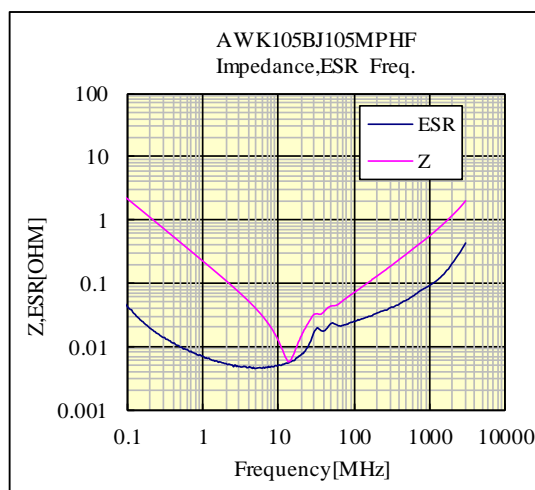
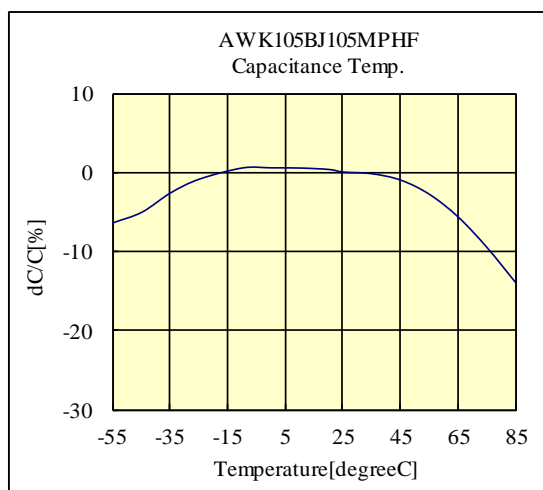
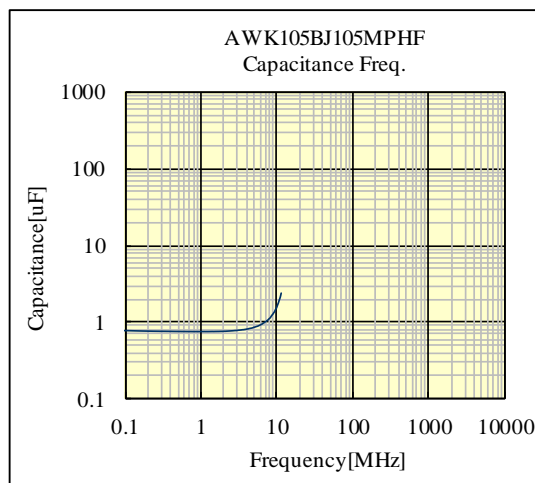
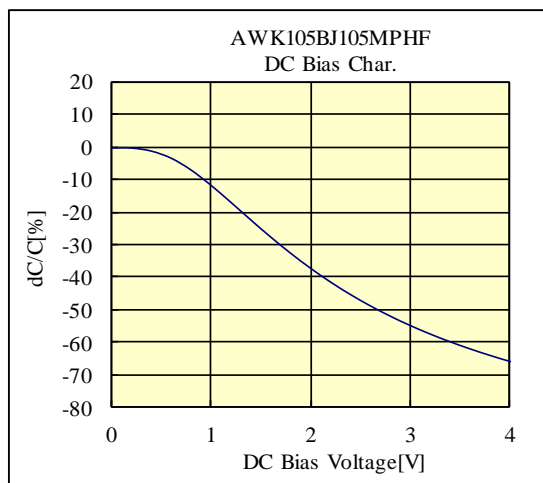
19SC11

RoHS compliance product

### ○AWK105BJ105MPHF

4V 0510 X5R 1uF +/- 20% t=0.35mmMAX

4V 0204 X5R 1uF +/- 20% t=0.014inchMAX



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Before making final selection, please check product specification.

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