

Spec Sheet

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

AWK105C7224MPHF



■ Features

- Item Summary
0.22 μ F \pm 20%, 4V,
X7S, 0204/0510 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Paper 10000pcs

■ Products characteristics table

Capacitance	0.22 μ F \pm 20 %
Case Size (EIA/JIS)	0204/0510
Rated Voltage	4 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X7S
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	500 M Ω · μ 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-

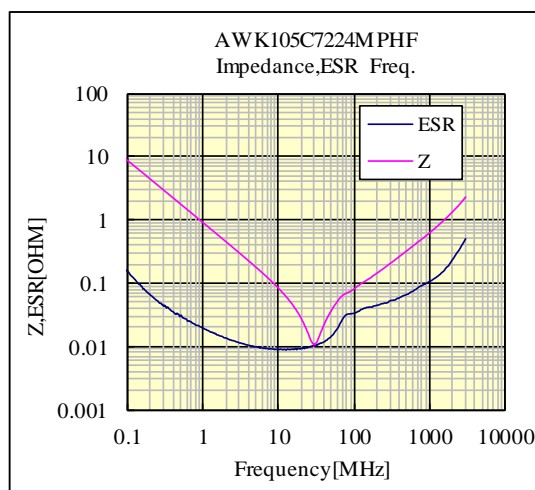
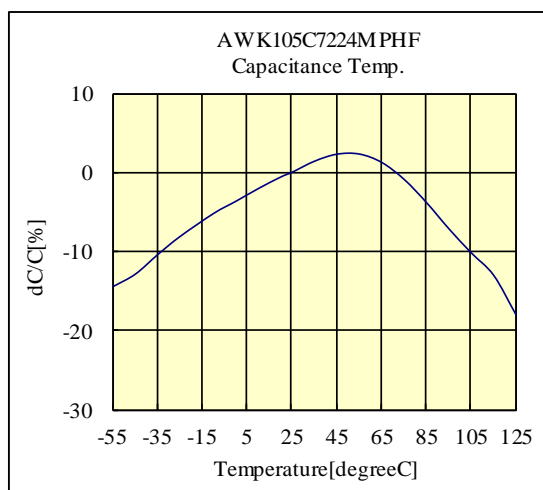
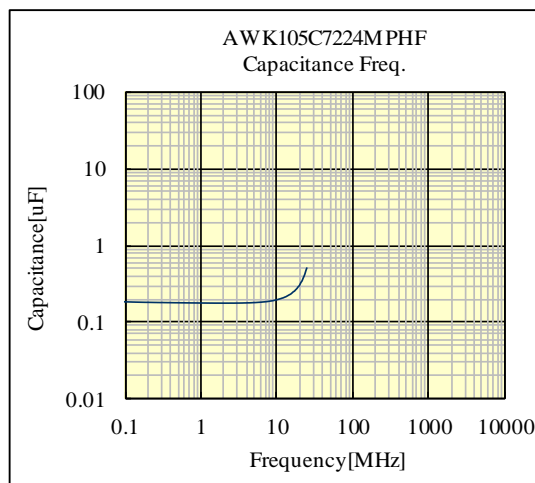
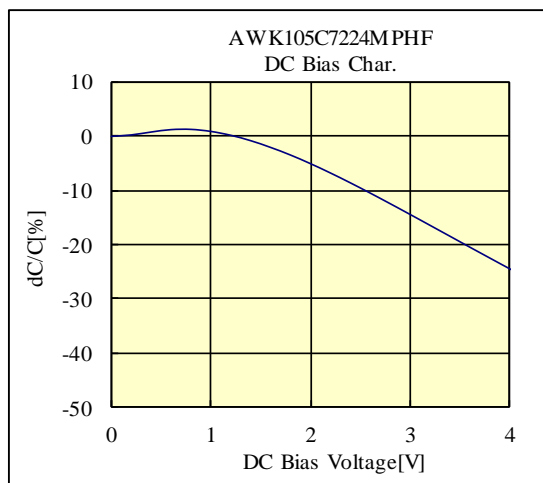
19YC11

RoHS compliance product

○AWK105C7224MPHF

4V 0510 X7S 0.22uF +/- 20% t=0.35mmMAX

4V 0204 X7S 0.22uF +/- 20% t=0.014inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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[>>Taiyo Yuden\(太阳诱电\)](#)