

# Spec Sheet

LW Reversal Decoupling Capacitors for Telecommunications Infrastructure and Industrial Equipment / Medical Devices (LWDC™)

## EWK107B7224MV8T



### ■ Features

- Item Summary  
0.22 $\mu$ F $\pm$ 20%, 16V,  
X7R, 0306/0816 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Embossed 4000pcs

### ■ Products characteristics table

Capacitance	0.22 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	0306/0816
Rated Voltage	16 V
tan $\delta$ (max)	5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °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	0.8 $\pm$ 0.10 mm
Dimension W	1.6 $\pm$ 0.10 mm
Dimension T	0.5 $\pm$ 0.05 mm
Dimension e	0.25 $\pm$ 0.15 mm

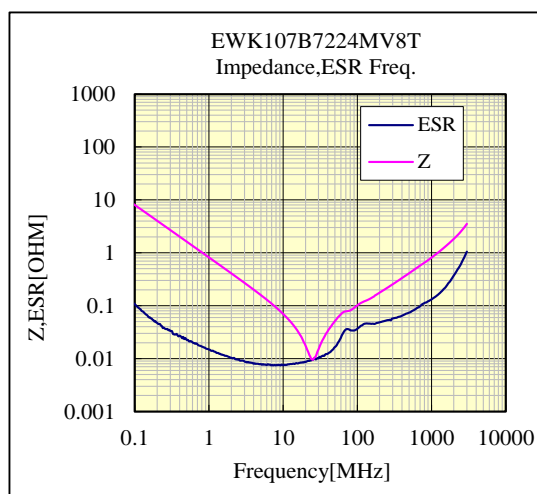
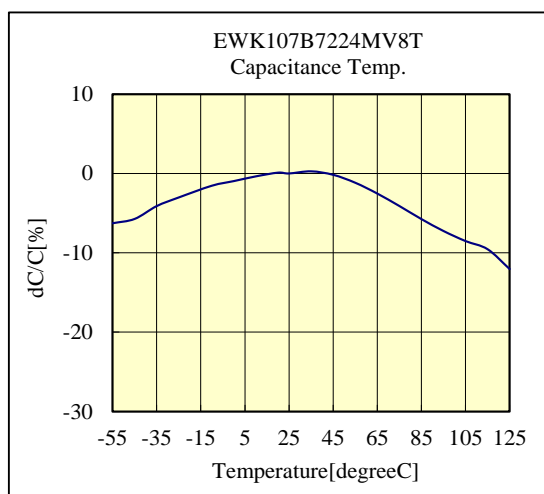
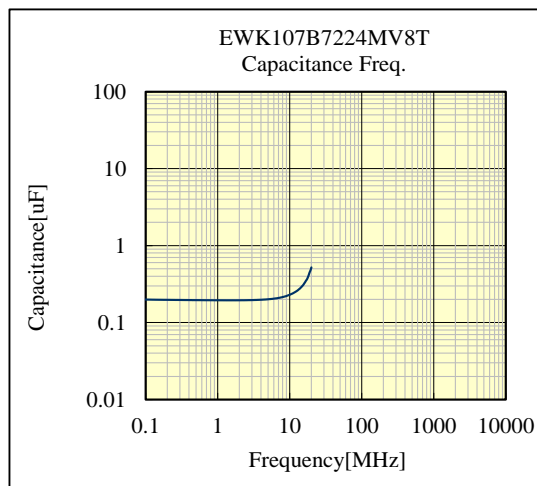
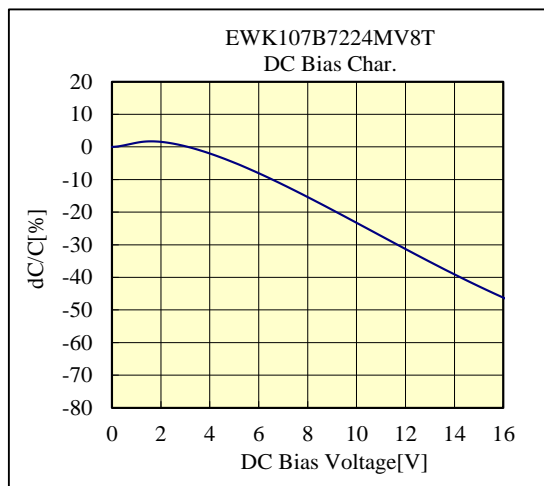
2021.07.01

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.

### ○EWK107B7224MV8T

16V 0816 X7R 0.22uF +/- 20% t=0.55mmMAX

16V 0306 X7R 0.22uF +/- 20% t=0.022inchMAX



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Before making final selection, please check product specification.

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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When our products are used even for high safety and/or reliability-required devices or circuits of general electronic equipment, it is strongly recommended to perform a thorough safety evaluation prior to use of our products and to install a protection circuit as necessary.

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