

# LMF212B7224MGHT



### ■ Features

- Item Summary  
0.22 $\mu$ F $\pm$ 20%, 10V,  
X7R, 0805/2012 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

### ■ Products characteristics table

|   |                          |
|---|--------------------------|
| Capacitance                                   | 0.22 $\mu$ F $\pm$ 20 %  |
| 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<br>(% Rated Voltage) | 200 %                    |
| Insulation Resistance (min)                   | 100 M $\Omega$ · $\mu$ F |
| RoHS Compliance (10 subst.)                   | Yes                      |
| REACH Compliance (191 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 | 1.25 $\pm$ 0.10 mm |
| Dimension e | 0.50 $\pm$ 0.25 mm |

2019.04.03

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

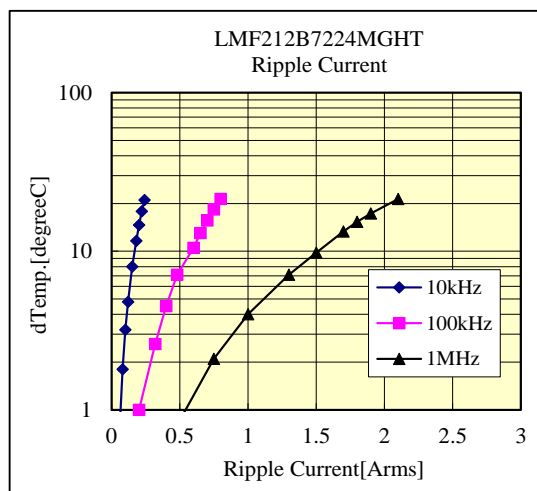
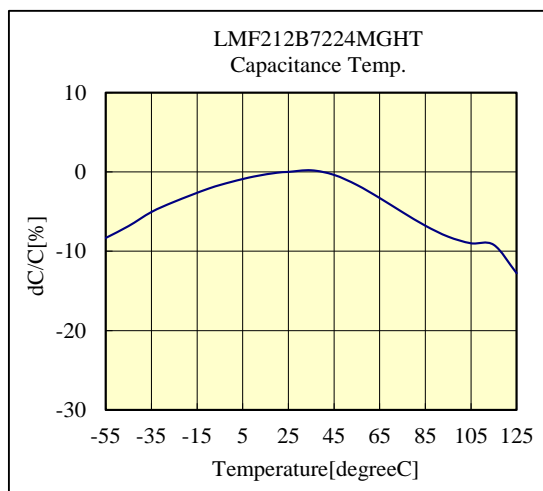
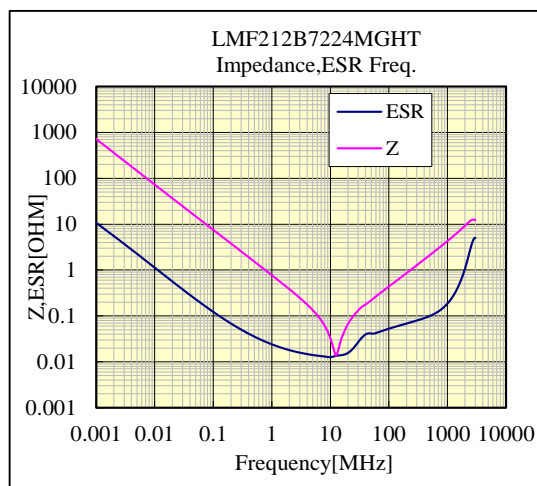
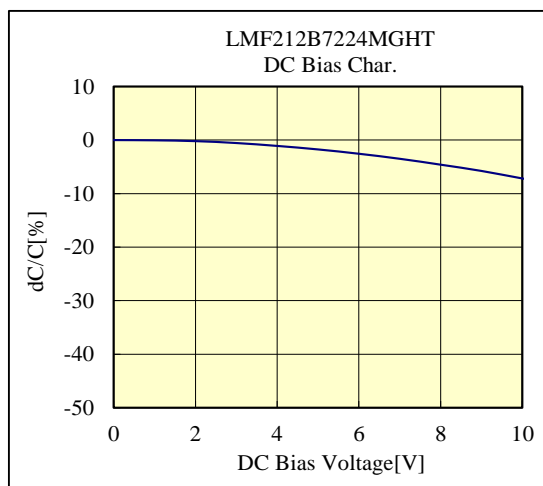
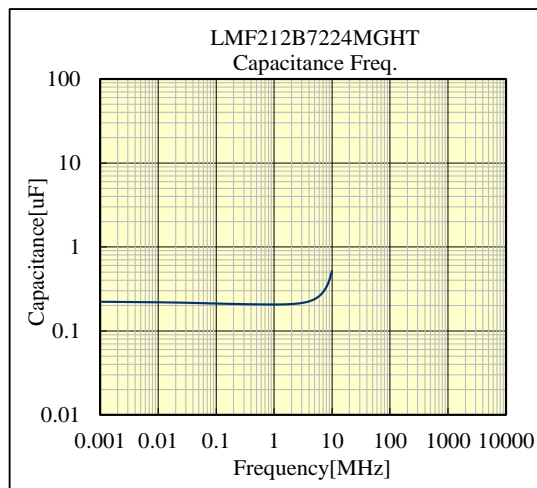
-Electrical Characteristics Data-

18U1A03

RoHS compliance product

### ○LMF212B7224MGHT

**10V 2012 X7R 0.22uF +/- 20% t=1.35mmMAX**  
**10V 0805 X7R 0.22uF +/- 20% t=0.053inchMAX**



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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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