

## High Reliability (Automotive) Application Multilayer Ceramic

## LMR316B7475ML-T



## ■ Features

- Item Summary  
10V, X7R, 4.7  $\mu$ F,  $\pm 20\%$ , 1206
- Lifecycle Stage  
Mass Production
- meet AEC-Q200 requirements
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

|                                       |                                |
|---------------------------------------|--------------------------------|
| External Dimensions (EIA/JIS)         | 1206/3216                      |
| Rated Voltage (max)                   | 10V                            |
| Capacitance                           | 4.7 $\mu$ F                    |
| Capacitance Tolerance                 | $\pm 20\%$                     |
| Resistance                            | 500 $M\Omega \cdot \mu$ F min. |
| Dielectric Loss Tangent               | 5%MAX                          |
| Temperature Characteristics (EIA/JIS) | X7R/-                          |
| Temperature Range (EIA/JIS)           | -55 to +125°C/-                |
| Capacitance Change (EIA/JIS)          | $\pm 15\%$ -%                  |
| RoHS Compliance                       | Yes                            |
| Halogen Free                          | Yes                            |
| Soldering Method                      | Reflow                         |

## ■ External Dimensions

|   |                   |
|---|-------------------|
| L | 3.2mm $\pm 0.15$  |
| W | 1.6mm $\pm 0.15$  |
| T | 1.6mm $\pm 0.20$  |
| e | 0.5mm +0.35/-0.25 |

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
 Before making final selection, please check product specification.

2015.01.15

# Multi Layer Ceramic Capacitor

TAIYO YUDEN

-Electrical Characteristics Data-

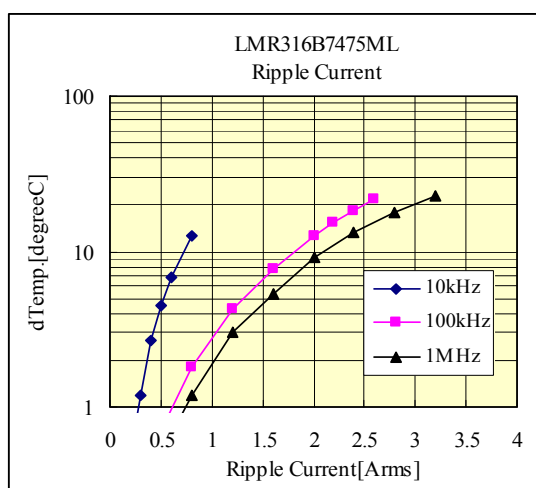
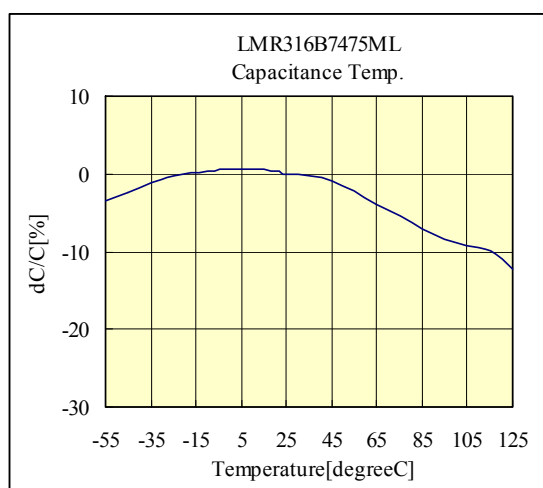
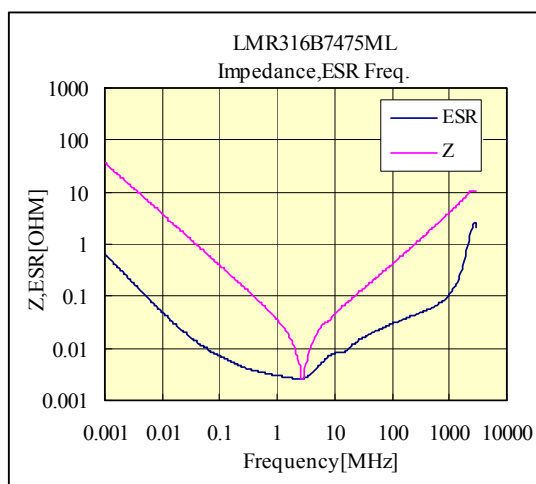
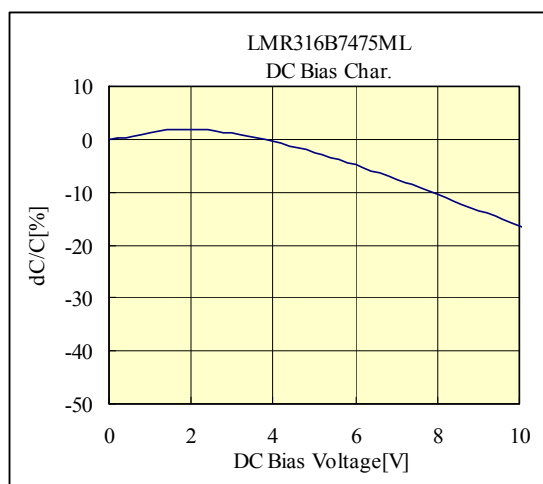
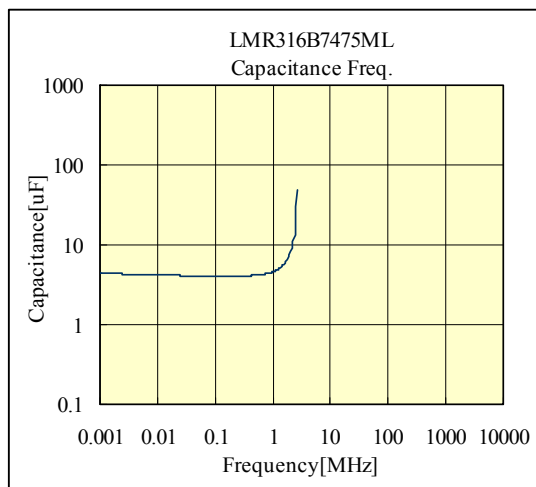
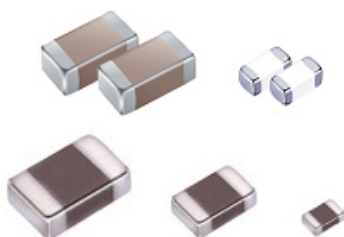
12QA02

RoHS compliance product

## ○LMR316B7475ML

10V 3216 X7R 4.7 $\mu$ F  $\pm$  20%  $t=1.8\text{mmMAX}$

10V 1206 X7R 4.7 $\mu$ F  $\pm$  20%  $t=0.071\text{inchMAX}$



部品特性は設置環境、測定条件等により変化する場合があります。本データをご使用される際は実際の製品特性に対する参考データとしてご利用ください。また、本データは予告無く追加・削除及び変更を行う場合があります。ご注文の際は、納入仕様書のご確認をお願いします。

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.

TAIYO YUDEN reserves the right to make change to the Date at any time without notice.

Before making final selection, please check product specification