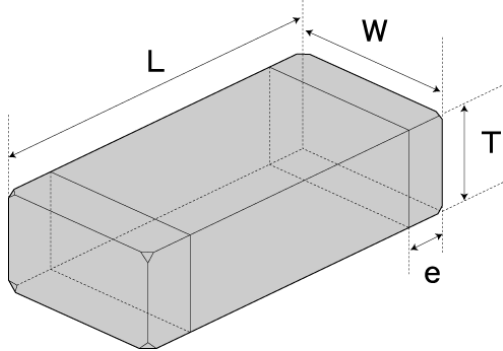


Medium-High Voltage MLCC for Automotive / Industrial Applications

HMK316B7104MLHT



■ Features

- Item Summary
100V, X7R, 0.1 μ F, \pm 20%, 1206
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

| | |
|---------------------------------------|-------------------------------|
| CaseSize (EIA/JIS) | 1206/3216 |
| Rated Voltage (max) | 100V |
| Capacitance | 0.1 μ F |
| Capacitance Tolerance | \pm 20% |
| Resistance | 100 M Ω · μ F min. |
| Dielectric Loss Tangent | 3.5%MAX |
| Temperature Characteristics (EIA/JIS) | X7R/- |
| Temperature Range (EIA/JIS) | -55 to +125 $^{\circ}$ 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 |

2015.02.03

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

Multi Layer Ceramic Capacitor **TAIYO YUDEN**

-Electrical Characteristics Data-

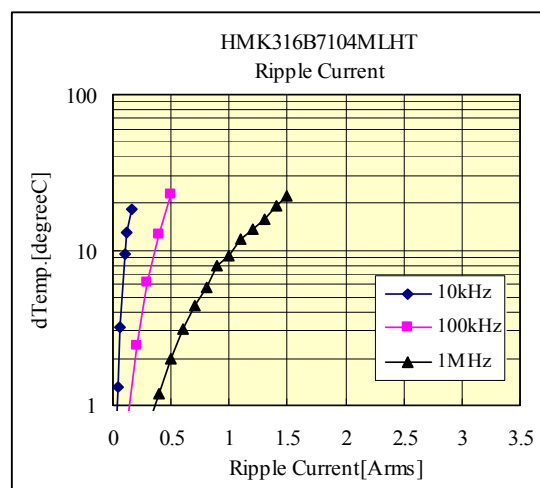
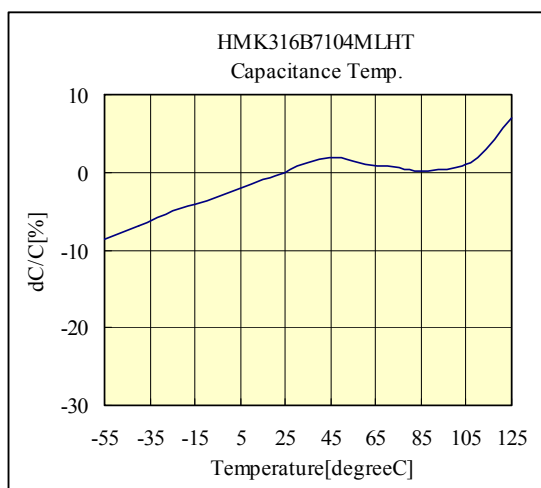
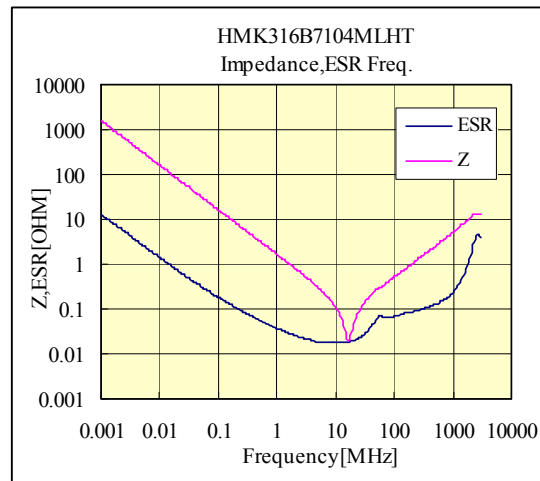
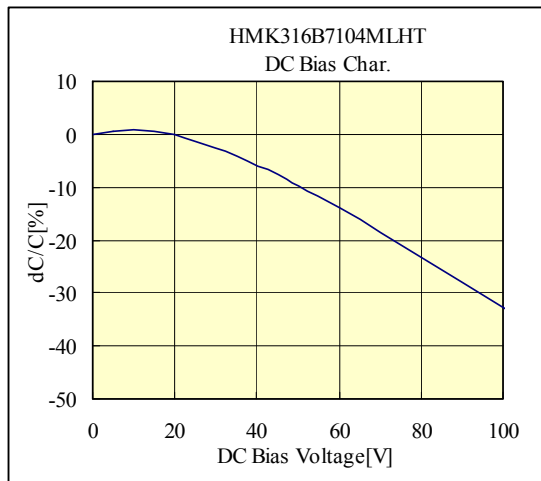
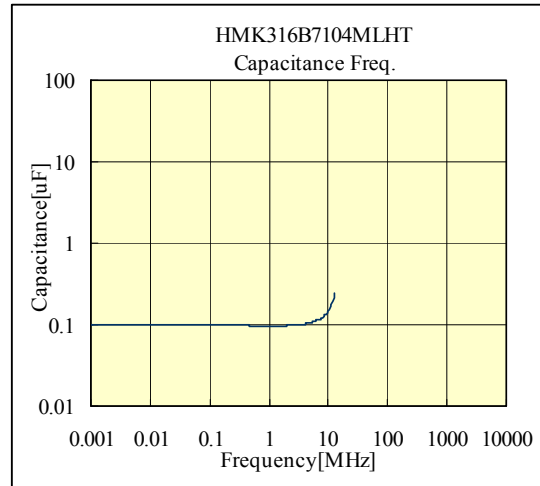
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RoHS compliance product

○HMK316B7104MLHT

100V 3216 X7R 0.1 μ F +/- 20% t=1.8mmMAX

100V 1206 X7R 0.1 μ F +/- 20% t=0.07inchMAX



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