

Soft Termination MLCC for Automotive / Industrial Applications

HMJ316BC7225MLHTE



■ Features

- Item Summary  
2.2uF±20%, 100V,  
X7S, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 2.2 uF ± 20 %  |
| Case Size (EIA/JIS)                           | 1206/3216      |
| Rated Voltage                                 | 100 V          |
| tan δ (max)                                   | 3.5 %          |
| Temperature Characteristic (EIA)              | X7S            |
| Operating Temp. Range (EIA)                   | -55 to +125 °C |
| High Temperature Loading<br>(% Rated Voltage) | 150 %          |
| Insulation Resistance (min)                   | 100 MΩ · μF    |
| RoHS2 Compliance (10 subst.)                  | Yes            |
| REACH Compliance (168 subst.)                 | Yes            |
| Soldering                                     | Reflow         |

■ External Dimensions

|             |                   |
|-------------|-------------------|
| Dimension L | 3.2 ±0.30 mm      |
| Dimension W | 1.6 ±0.30 mm      |
| Dimension T | 1.6 ±0.30 mm      |
| Dimension e | 0.60 +0.4/-0.3 mm |

2016.11.07

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

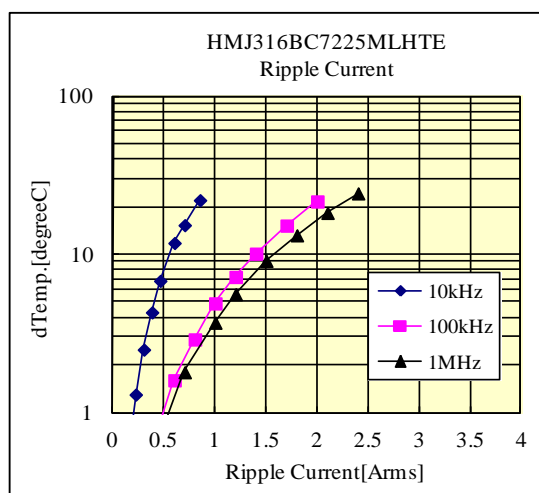
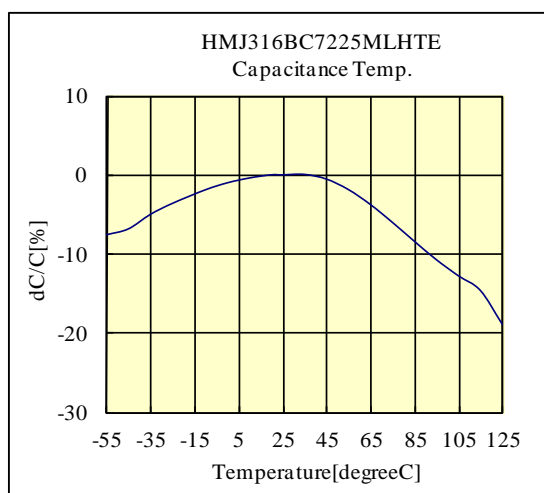
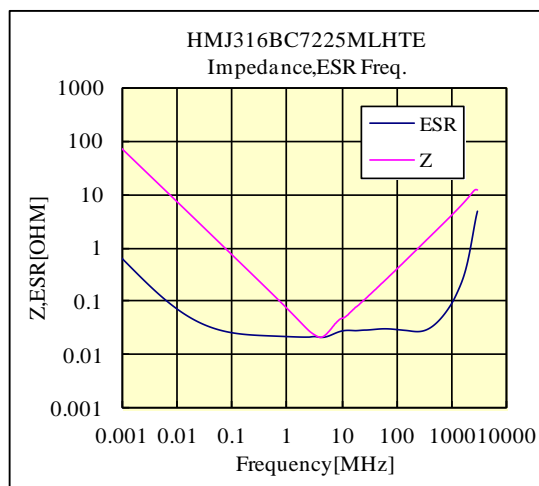
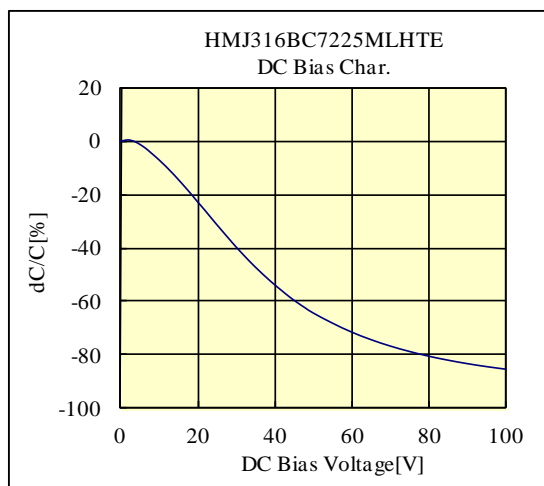
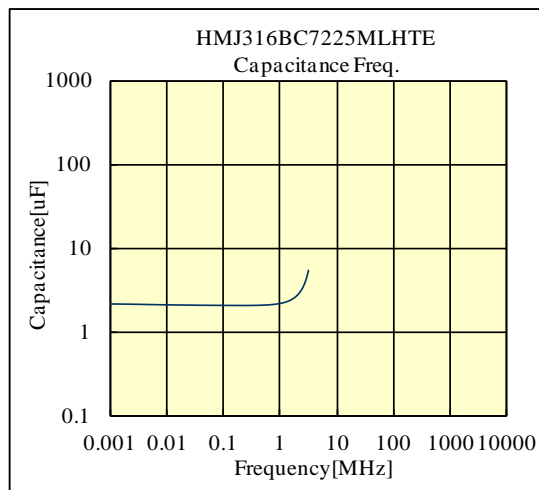
16U2A09

RoHS compliance product

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100V 3216 X7S 2.2uF +/- 20% t=1.9mmMAX

100V 1206 X7S 2.2uF +/- 20% t=0.075inchMAX



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