

## Spec Sheet

Soft Termination MLCC for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications

# HMJ316KB7103MFHT



### ■ Features

- Item Summary  
0.01  $\mu\text{F} \pm 20\%$ , 100V,  
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

### ■ Products characteristics table

Capacitance	0.01 $\mu\text{F} \pm 20\%$
Case Size (EIA/JIS)	1206/3216
Rated Voltage	100 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 G $\Omega$
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

### ■ External Dimensions

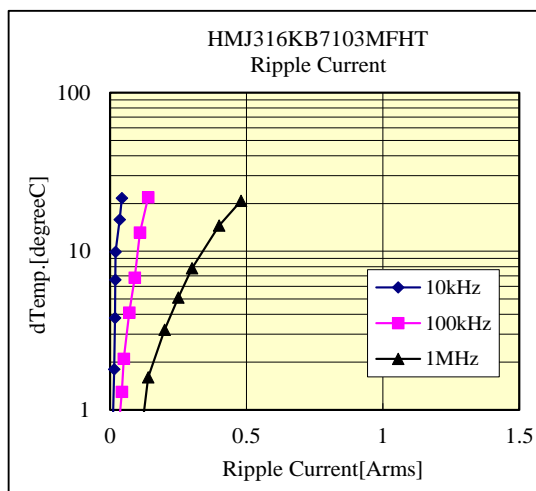
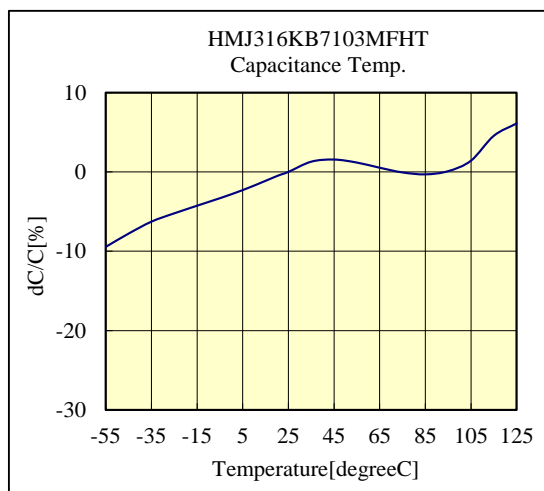
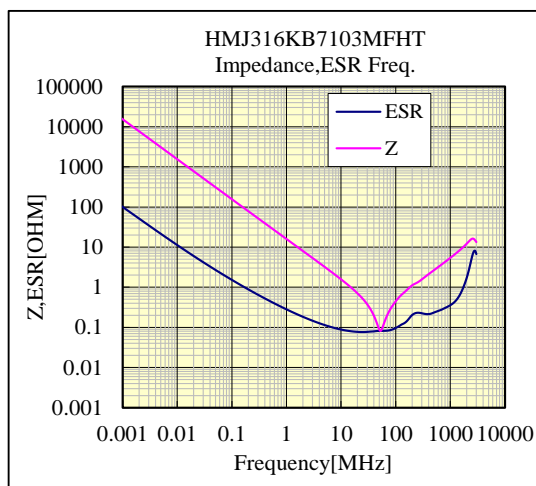
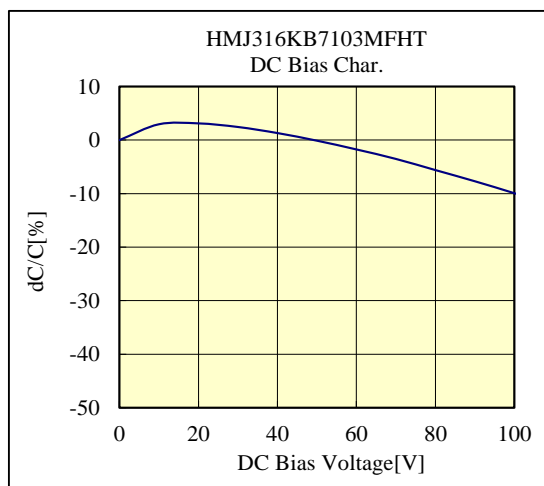
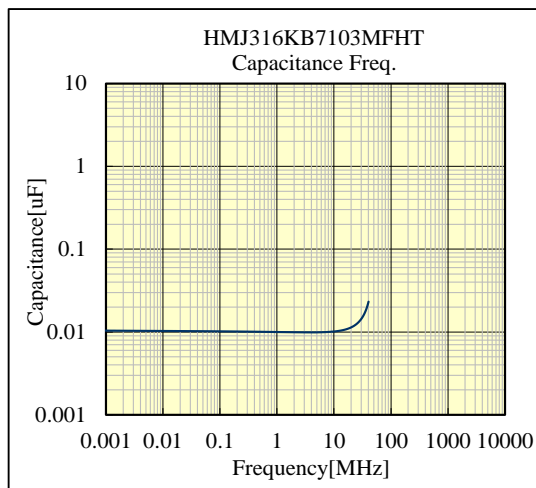
Dimension L	3.2 $\pm 0.20$ mm
Dimension W	1.6 $\pm 0.20$ mm
Dimension T	1.15 $\pm 0.20$ mm
Dimension e	0.60 +0.4/-0.3 mm

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.

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**100V 3216 X7R 0.01 $\mu$ F +/- 20% t=1.35mmMAX**  
**100V 1206 X7R 0.01 $\mu$ F +/- 20% t=0.053inchMAX**



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Please read this notice before using the TAIYO YUDEN products.



## REMINDERS

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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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