

## Soft Termination MLCC for Automotive / Industrial Applications

# HMJ325B7105MNHT



### ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 100V,  
X7R, 1210/3225 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

### ■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	1210/3225
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)	100 M $\Omega$ · $\mu$ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

### ■ External Dimensions

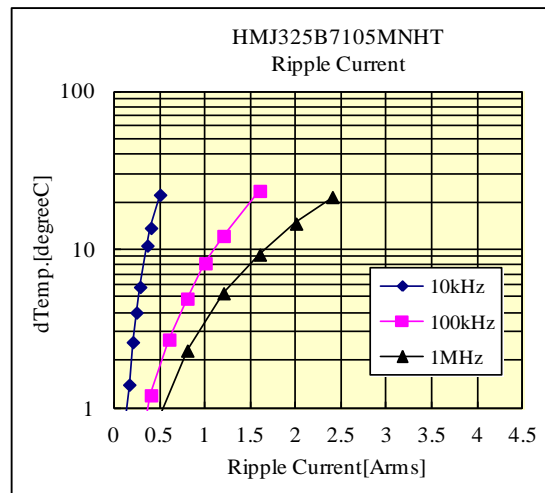
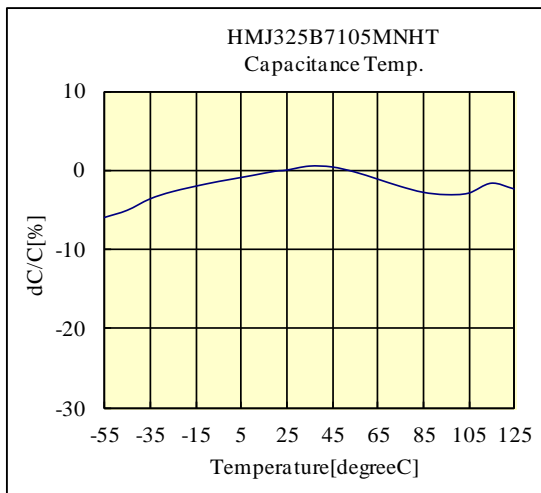
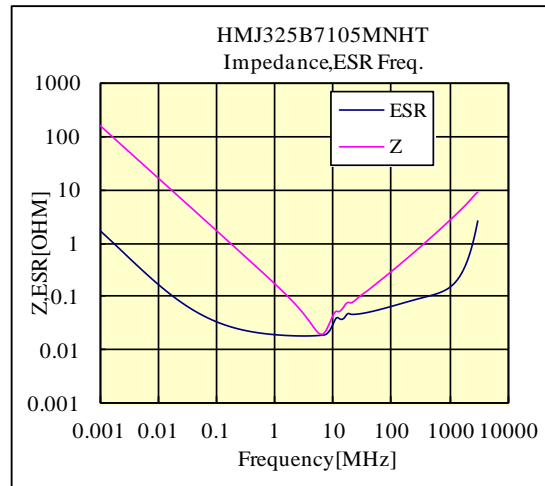
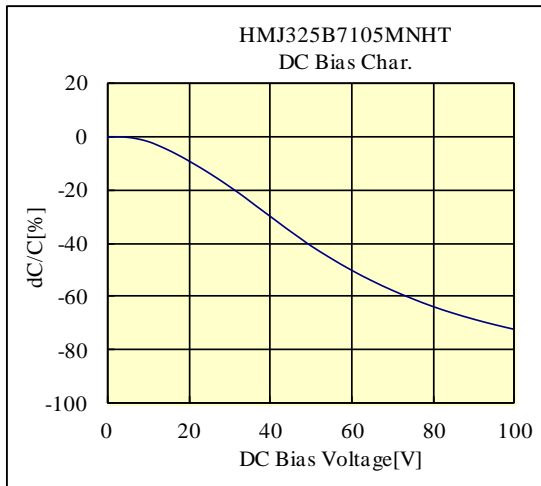
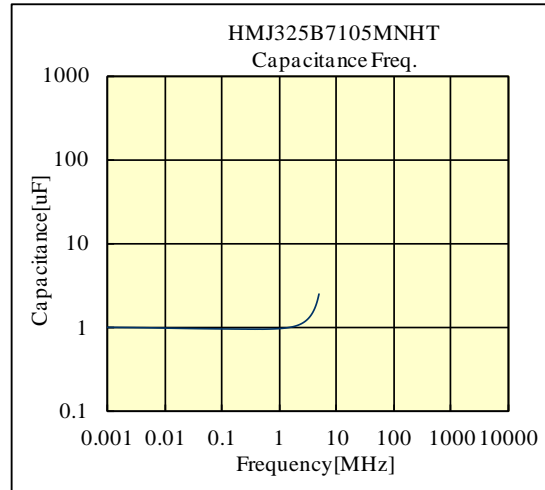
Dimension L	3.2 $\pm$ 0.30 mm
Dimension W	2.5 $\pm$ 0.20 mm
Dimension T	1.9 $\pm$ 0.20 mm
Dimension e	0.60 +0.4/-0.3 mm

2017.04.30

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.

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**100V 3225 X7R 1uF +/- 20% t=2.1mmMAX**  
**100V 1210 X7R 1uF +/- 20% t=0.083inchMAX**



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