

Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications

## TMK316B7105MLHT



## ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 25V,  
X7R, 1206/3216 (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)	1206/3216
Rated Voltage	25 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)	500 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 $\pm$ 0.15 mm
Dimension W	1.6 $\pm$ 0.15 mm
Dimension T	1.6 $\pm$ 0.20 mm
Dimension e	0.50 +0.35/-0.25 mm

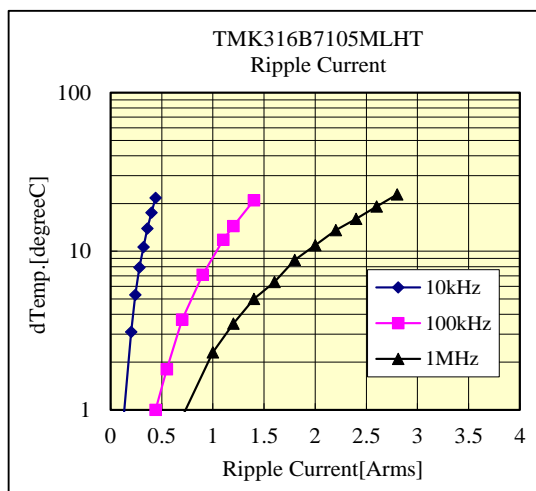
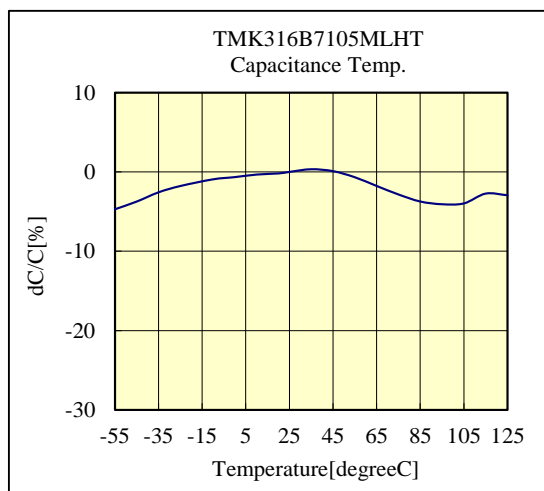
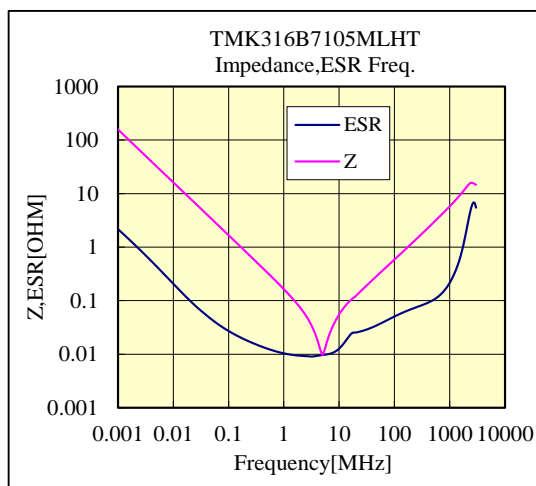
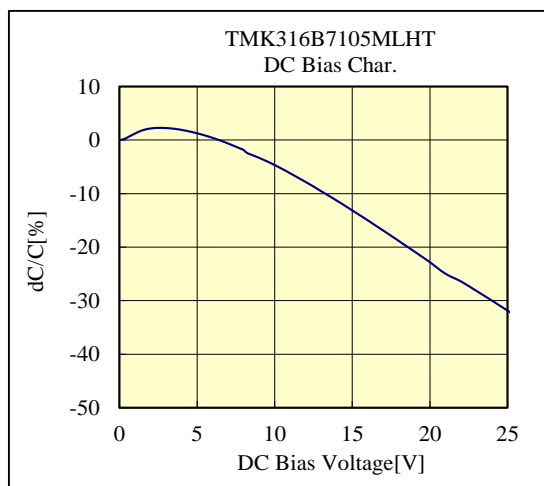
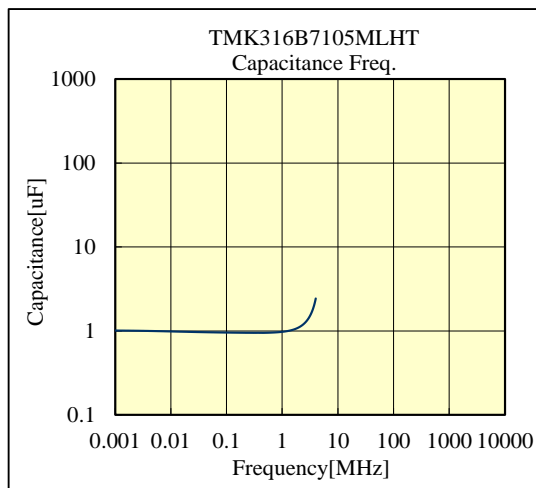
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 Before making final selection, please check product specification.

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### ○TMK316B7105MLHT

25V 3216 X7R 1uF +/- 20% t=1.8mmMAX

25V 1206 X7R 1uF +/- 20% t=0.071inchMAX



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