

Soft Termination MLCC for Automotive / Industrial Applications

HMJ212KB7102MDHT



■ Features

- Item Summary
100V, X7R, 0.001 μ F, \pm 20%, 0805
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0805/2012
Rated Voltage (max)	100V
Capacitance	0.001 μ F
Capacitance Tolerance	\pm 20%
Resistance	10,000 M Ω min.
Dielectric Loss Tangent	2.5%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	2.0mm \pm 0.15
W	1.25mm \pm 0.15
T	0.85mm \pm 0.15
e	0.5mm +0.35:-0.25

2015.02.10

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.

RoHS compliance product

○ **QMJ212KB7102K(M)DHT**

250V 2012 X7R 1000pF +/-10(20)% t=1.0mmMAX
250V 0805 X7R 1000pF +/-10(20)% t=0.039inchMAX

○ **HMJ212BB7104K(M)GHT**

100V 2012 X7R 0.1uF +/-10(20)% t=1.45mmMAX
100V 0805 X7R 0.1uF +/-10(20)% t=0.057inchMAX

○ **SMJ316B7102K(M)FHT**

630V 3216 X7R 1000pF +/-10(20)% t=1.25mmMAX
630V 1206 X7R 1000pF +/-10(20)% t=0.049inchMAX

○ **LMJ316BB7226K(M)LHT**

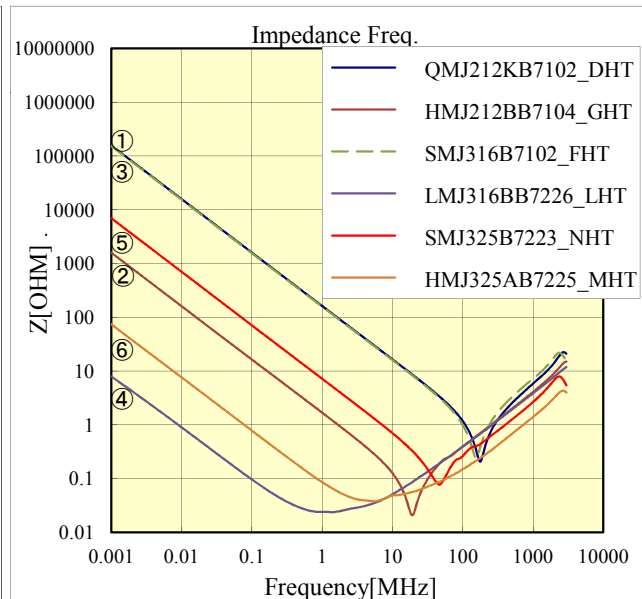
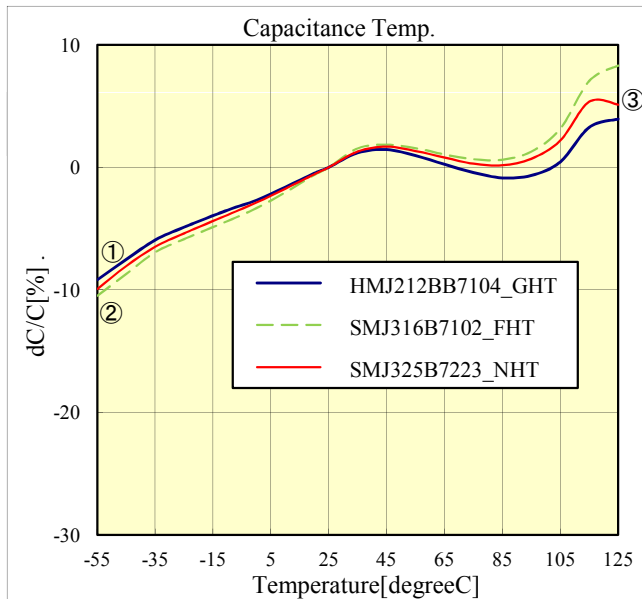
10V 3216 X7R 22uF +/-10(20)% t=1.9mmMAX
10V 1206 X7R 22uF +/-10(20)% t=0.075inchMAX

○ **SMJ325B7223K(M)NHT**

630V 3225 X7R 0.022uF +/-10(20)% t=2.1mmMAX
630V 1210 X7R 0.022uF +/-10(20)% t=0.083inchMAX

○ **HMJ325AB7225K(M)MHT**

100V 3225 X7R 2.2uF +/-10(20)% t=2.8mmMAX
100V 1210 X7R 2.2uF +/-10(20)% t=0.11inchMAX



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