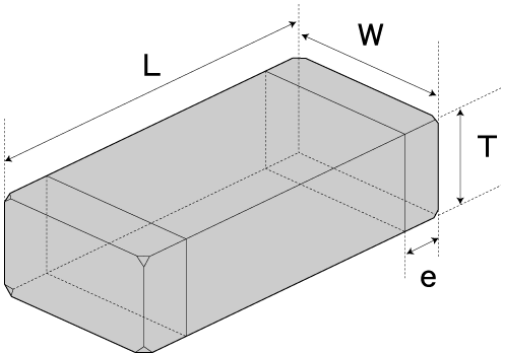
Spec Sheet

Soft Termination MLCC for Automotive / Industrial Applications

HMJ212BB7473KGHT



Features

- Item Summary

  100V, X7R, 0.047μF, ±10%, 0805
- Lifecycle Stage

  Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)

  Taping Embossed 2000pcs

Products characteristics table

CaseSize (EIA/JIS)	0805/2012
Rated Voltage (max)	100V
Capacitance	0.047μF
Capacitance Tolerance	±10%
Resistance	100 MΩ・μF min.
Dielectric Loss Tangent	3.5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125℃/-
Capacitance Change (EIA/JIS)	±15/-%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	2.0mm +0.20:-0.00
W	1.25mm +0.20:-0.00
T	1.25mm +0.20:-0.00
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.

Multi Layer Ceramic Capacitor

TAIYO YUDEN

-Electrical Characteristics Data- Mar-2014

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

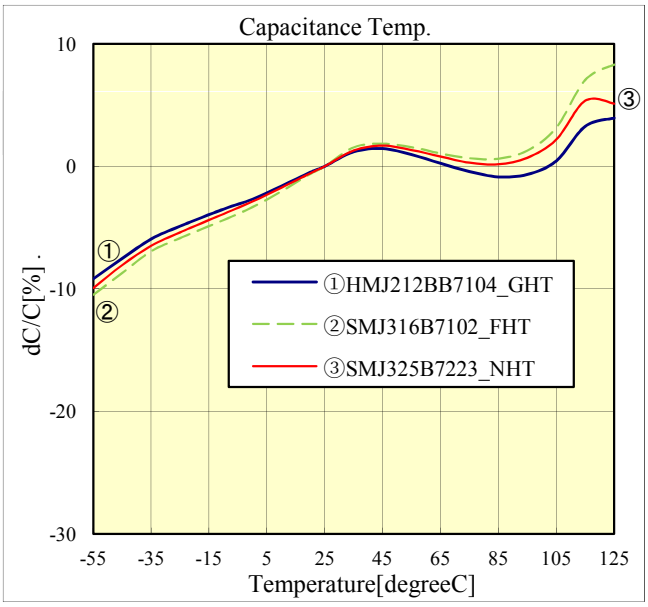
630V 1210 X7R 0.022uF +/-10(20)% t=0.083inchMAX

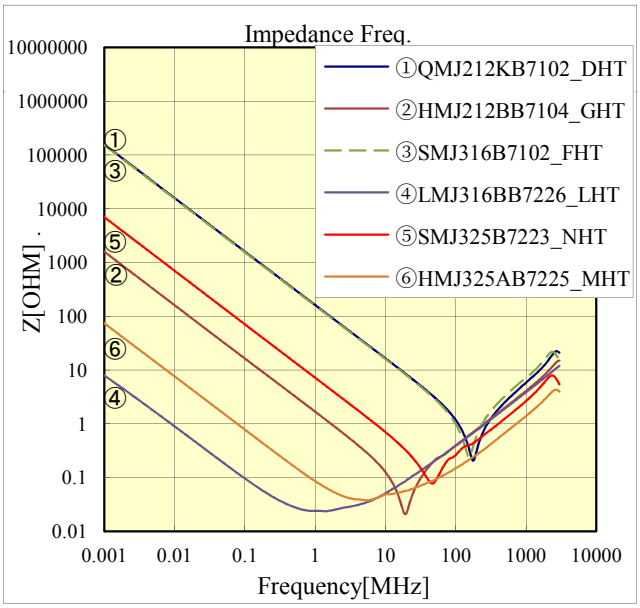
○HMJ325AB7225K(M)MHT

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

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







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