

Soft Termination MLCC for Automotive / Industrial Applications

UMJ212CB7105KGHT



■ Features

- Item Summary
50V, X7R, 1 μ F, \pm 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)	50V
Capacitance	1 μ F
Capacitance Tolerance	\pm 10%
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125 $^{\circ}$ C/-
Capacitance Change (EIA/JIS)	\pm 15/-%
Dielectric Loss Tangent	10%MAX
Resistance	100 M Ω · μ F min.
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	2.0mm +0.25:-0.00
W	1.25mm +0.25:-0.00
T	1.25mm +0.25:-0.00
e	0.5mm +0.35:-0.25

2015.06.09

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

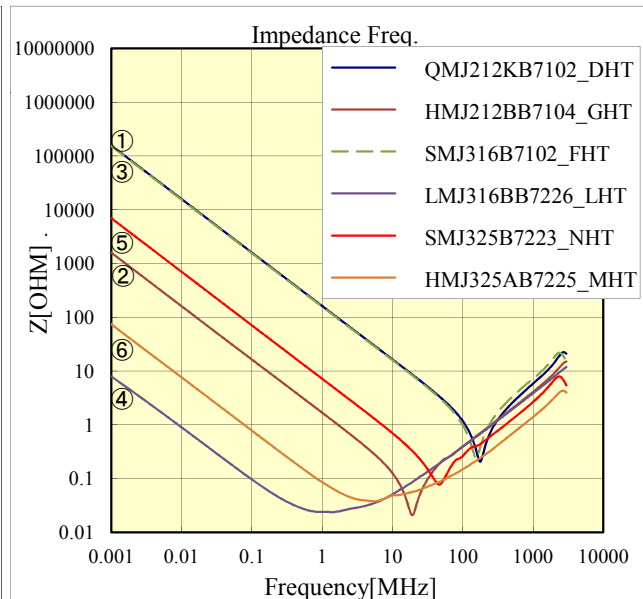
10V 3216 X7R 22uF +/-10(20)% t=1.9mmMAX
10V 1206 X7R 22uF +/-10(20)% t=0.075inchMAX

○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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