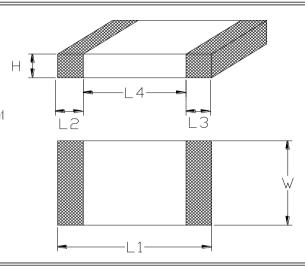


## **Multilayer Ceramic Chip Capacitor**

## 1210J6300683KJT

Knowles offers Multilayer Ceramic Chip Capacitors of the highest quality and reliability for a range of demanding applications. Manufactured using our "Wet Process", the range encompasses 10V to 12kV capability, with a variety of termination options including FlexiCap™. the worlds first commercially available flexible termination



## **Mechanical Specification**

Size Code Length (L1) mm Width (W) mm Thickness (H) mm Termination Bands (L2,L3) mm

Minimum Band Gap (L4) mm Termination Material

Solderability **RoHS Compliant** 

Packaging

1210

 $3.2 \pm 0.2$  $2.5 \pm 0.2$ 

2.0 Max. 0.25 - 0.75

14

100% Matte Sn over Ni

IEC 60068-2-58

2011/65/EU as amended by 2015/863/EU

Taped and Reeled, 7 inch Reel

## **General Electrical Specification**

Rated Voltage Nominal Capacitance Value Capacitance Tolerance Tangent of Loss Angle (Tan  $\delta$ )

Capacitance and Tan δ Test Conditions

Voltage Proof

(Voltage applied for 5 secs max. @ 50mA max. charge current)

Description:-

Min Insulation Resistance (IR) Dielectric Classification Rated Temperature Range

Maximum Capacitance Change over

Temperature Range Climatic Category (IEC) Ageing Characteristic

630V 68nF

 $\pm 10\%$ ≤0.025

1Vrms @ 1kHz 1.5 x Rated Voltage

14.71GΩ X7R (2R1) -55°C to +125°C

±15% No DC Voltage Rated DC Voltage 55/125/56

Less than 2% per time decade

This datasheet is for a standard item and is confirmed valid on the date generated, the latest published data for this part may differ and is available at www.knowlescapacitors.com/syfer or by contacting us at syfersales@knowles.com

1210 630V 68nF ± 10% X7R (2R1)

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Knowles

The information contained on this drawing is confidential and may not be copied in whole or part in any form or disclosed to a third party without the consent of Knowles. and any customer mentioned within this specification

Name: J So

2017年7月1日 Date:

Filename: 1210J6300683KJT-008.pdf