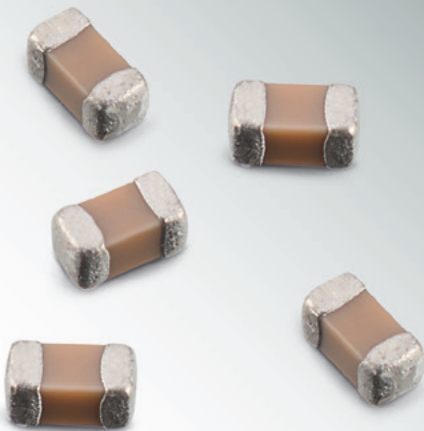




DESIGN KIT

WCAP-CSST MLCC SOFT TERMINATION



SIZE:

0603 / 0805 / 1206 / 1210

TECHNICAL DATA:

C: 220 pF – 2.2 μ F

U: 16 – 2000 V_{DC}

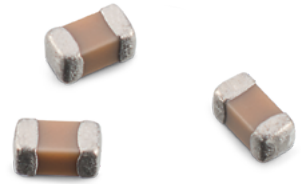
Dielectric: X7R

Termination: Cu/Ag-Polymer/Ni/Sn

Order Code 885 380

Version 1.0

DESIGN KIT WCAP-CSST MLCC Soft Termination



0603					DC Voltage Rating
885 382 206 001 X7R0603221K050DFCT1S000 220 pF ±10 %; H=0.8 mm DF≤2.5 %; IR≥10 GΩ	885 382 206 002 X7R0603103K050DFCT1S000 10 nF ±10 %; H=0.8 mm DF≤2.5 %; IR≥10 GΩ	885 382 206 003 X7R0603222K050DFCT1S000 22 nF ±10 %; H=0.8 mm DF≤2.5 %; IR≥10 GΩ	885 382 206 004 X7R0603104K050DFCT1S000 100 nF ±10 %; H=0.8 mm DF≤3 %; IR≥5 GΩ	885 382 206 005 X7R0603102K200DFCT1S000 1 nF ±10 %; H=0.8 mm DF≤2.5 %; IR≥10 GΩ	
0805					
885 382 207 001 X7R0805105K016DFCT1S000 1 nF ±10 %; H=1.25 mm DF≤5 %; IR≥0.5 GΩ	885 382 207 002 X7R0805334K025DFCT1S000 330 nF ±10 %; H=1.25 mm DF≤3.5 %; IR≥1.5 GΩ	885 382 207 003 X7R0805105K025DFCT1S000 1 pF ±10 %; H=1.25 mm DF≤5 %; IR≥0.5 GΩ	885 382 207 004 X7R0805102K050DFCT1S000 1 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	885 382 207 005 X7R0805222K050DFCT1S000 2.2 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	
885 382 207 006 X7R0805103K050DFCT1S000 10 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	885 382 207 007 X7R0805104K050DFCT1S000 100 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥5 GΩ	885 382 207 008 X7R0805224K050DFCT1S000 220 nF ±10 %; H=1.25 mm DF≤3 %; IR≥2.3 GΩ	885 382 207 009 X7R0805103K100DFCT1S000 10 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	885 382 207 010 X7R0805271K500DFCT1S000 270 pF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	
1206					
885 382 208 001 X7R1206225K025DFCT1S000 2.2 pF ±10 %; H=1.6 mm DF≤3.5 %; IR≥0.2 GΩ	885 382 208 002 X7R1206103K050DFCT1S000 10 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	885 382 208 003 X7R1206104K050DFCT1S000 100 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥5 GΩ	885 382 208 004 X7R1206474K050DFCT1S000 470 nF ±10 %; H=1.6 mm DF≤3 %; IR≥1 GΩ	885 382 208 005 X7R1206105K050DFCT1S000 1 pF ±10 %; H=1.6 mm DF≤3 %; IR≥0.5 GΩ	885 382 208 006 X7R1206104K100DFCT1S000 100 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥1 GΩ
885 382 208 007 X7R1206104K250DFCT1S000 100 nF ±10 %; H=1.6 mm DF≤2.5 %; IR≥1 GΩ	885 382 208 008 X7R1206271K500DFCT1S000 270 pF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	885 382 208 009 X7R1206103K500DFCT1S000 10 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	885 382 208 010 X7R1206223K500DFCT1S000 22 nF ±10 %; H=1.6 mm DF≤2.5 %; IR≥4.5 GΩ	885 382 208 011 X7R1206333K500DFCT1S000 33 nF ±10 %; H=1.6 mm DF≤2.5 %; IR≥3 GΩ	885 382 208 012 X7R1206472KA00DFCT1S000 4.7 nF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ
1206		1210			
885 382 208 013 X7R1206471KB00DFCT1S000 470 pF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	885 382 208 014 X7R1206681KB00DFCT1S000 680 pF ±10 %; H=1.25 mm DF≤2.5 %; IR≥10 GΩ	885 382 209 001 X7R1210333K500DFCT1S000 33 nF ±10 %; H=1.6 mm DF≤2.5 %; IR≥3 GΩ	885 382 209 002 X7R1210225K100DFCT1S000 2.2 pF ±10 %; H=2.5 mm DF≤5 %; IR≥0.05 GΩ		
Technical Data: Dielectric: X7R Capacitance Characteristics: ±15 % Operating Temperature: -55 °C to +125 °C Termination: Cu/Ag-Polymer/Ni/Sn					
*within operating temperature range					



Important information: Würth Elektronik's design kits contain reference components. These components correspond with the current product development status on the day of supply. Exchange of the reference components to components with up-to-date product development status is not carried out automatically. No liability is taken for the use of these reference components. Therefore, please request new samples prior to releases for series production and product release.

Please check datasheets on www.we-online.com for specifications.
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