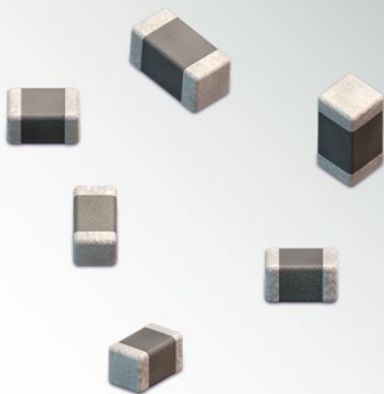




DESIGN KIT

WCAP-CSMH

Mid and High Voltage MLCC



Size:

0805 / 1206 / 1210 / 1808 / 1812

Technical Data:

Capacitance Range: 10 pF – 22 nF

Rated Voltage: 1 kV_{DC} – 3 kV_{DC}

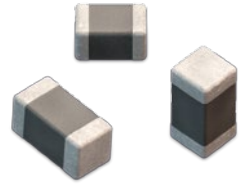
Dielectrics: NPO, X7R

Termination: Cu / Ni / Sn

Order Code 885 342

Version 1.0

DESIGN KIT WCAP-CSMH Mid and High Voltage MLCC



0805 885 342 207 015 1 kV_{DC} 100 pF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	1206 885 342 208 016 1 kV_{DC} 150 pF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	1206 885 342 208 022 2 kV_{DC} 100 pF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	1210 885 342 009 005 2 kV_{DC} 220 pF ; ±5%; T=1.6mm; Q≥1000; IR≥10G Ohm	1808 885 342 010 002 3 kV_{DC} 68 pF ; ±5%; T=1.25mm; Q≥1000; IR≥10G Ohm	1812 885 342 011 002 1 kV_{DC} 100 pF ; ±5%; T=1.25mm; Q≥1000; IR≥10G Ohm
885 342 207 016 1 kV_{DC} 2.2 nF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 208 017 1 kV_{DC} 470 pF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 208 023 2 kV_{DC} 470 pF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 209 006 1 kV_{DC} 1 nF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 010 003 3 kV_{DC} 100 pF ; ±5%; T=2mm; Q≥1000; IR≥10G Ohm	885 342 011 003 1 kV_{DC} 1.5 nF ; ±5%; T=1.6mm; DF≤2.5%; IR≥10G Ohm
1206 885 342 008 008 1 kV_{DC} 22 pF ; ±5%; T=1.25mm Q≥400+20C; IR≥10G Ohm	885 342 208 018 1 kV_{DC} 1 nF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 208 024 2 kV_{DC} 1 nF ; ±10%; T=1.6mm; DF≤2.5%; IR≥10G Ohm	885 342 209 007 1 kV_{DC} 22 nF ; ±10%; T=1.6mm; DF≤2.5%; IR≥4.5G Ohm	885 342 210 001 2 kV_{DC} 1 nF ; ±10%; T=2mm; DF≤2.5%; IR≥10G Ohm	885 342 211 007 2 kV_{DC} 2.2 nF ; ±10%; T=1.6mm; DF≤2.5%; IR≥10G Ohm
885 342 008 009 1 kV_{DC} 100 pF ; ±5%; T=1.25mm; Q≥1000; IR≥10G Ohm	885 342 208 019 1 kV_{DC} 2.2 nF ; ±10%; T=1.6mm; DF≤2.5%; IR≥10G Ohm	1210 885 342 009 002 1 kV_{DC} 22 pF ; ±5%; T=0.95mm Q≥400+20C; IR≥10G Ohm	885 342 209 008 2 kV_{DC} 220 pF ; ±10%; T=2mm; DF≤2.5%; IR≥10G Ohm	885 342 210 002 2 kV_{DC} 2.2 nF ; ±10%; T=2mm; DF≤2.5%; IR≥10G Ohm	885 342 211 008 2 kV_{DC} 4.7 nF ; ±10%; T=2mm; DF≤2.5%; IR≥10G Ohm
885 342 008 010 2 kV_{DC} 68 pF ; ±5%; T=1.25mm; Q≥1000; IR≥10G Ohm	885 342 208 020 1 kV_{DC} 4.7 nF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 009 003 1 kV_{DC} 1 nF ; ±5%; T=1.6mm; Q≥1000; IR≥10G Ohm	885 342 209 009 2 kV_{DC} 1 nF ; ±10%; T=2mm; DF≤2.5%; IR≥10G Ohm	885 342 210 003 3 kV_{DC} 470 pF ; ±10%; T=2mm; DF≤2.5%; IR≥10G Ohm	885 342 211 009 3 kV_{DC} 1 nF ; ±10%; T=2mm; DF≤2.5%; IR≥10G Ohm
885 342 008 011 2 kV_{DC} 100 pF ; ±5%; T=1.25mm; Q≥1000; IR≥10G Ohm	885 342 208 021 1 kV_{DC} 10 nF ; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 009 004 2 kV_{DC} 10 pF ; ±5%; T=0.95mm; Q≥600; IR≥10G Ohm	1808 885 342 010 001 3 kV_{DC} 10 pF ; ±5%; T=1.25mm; Q≥400+20C; IR≥10G Ohm	885 342 210 004 3 kV_{DC} 1 nF ; ±10%; T=2mm; DF≤2.5%; IR≥10G Ohm	885 342 211 010 3 kV_{DC} 2.2 nF ; ±10%; T=2.5mm; DF≤2.5%; IR≥10G Ohm

Ceramic	Capacitance Characteristics*
NPO	± 30ppm / ± 0.54%
X7R	± 15%

* within Operating Temperature Range

Technical Data:

Operating Temperature: -55°C to +125°C

Termination: Cu / Ni / Sn

T = Thickness



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.

**All products
ex stock!**

Please check datasheets on www.we-online.com for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2017