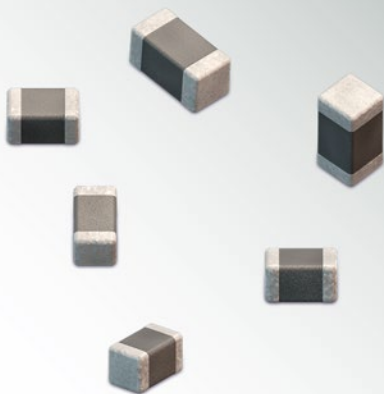




DESIGN KIT

WCAP-CSMH

Mid and High Voltage MLCC



Size:

0603 / 0805 / 1206 / 1210 / 1812

Technical Data:

Capacitance Range: 10 pF – 470 nF

Rated Voltage: 200 V_{DC} – 630 V_{DC}

Dielectrics: NPO, X7R

Termination: Cu / Ni / Sn

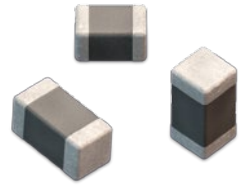
Order Code 885 341

Version 1.0

DESIGN KIT

WCAP-CSMH

Mid and High Voltage MLCC



0603	0805	0805	1206	1206	1812
885 342 006 001 250 V _{DC} 10pF; ±5%; T=0.8mm; Q≥400+20C; IR≥10G Ohm	885 342 007 003 200 V _{DC} 1nF; ±5%; T=1.25mm; Q≥1000; IR≥10G Ohm	885 342 207 012 200 V _{DC} 470pF; ±10%; T=0.8mm; DF≤2.5%; IR≥10G Ohm	885 342 208 005 500 V _{DC} 470pF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 208 013 630 V _{DC} 15nF; ±10%; T=1.25mm; DF≤2.5%; IR≥6.67G Ohm	885 342 211 001 200 V _{DC} 4.7nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm
885 342 006 003 250 V _{DC} 100pF; ±5%; T=0.8mm; Q≥1000; IR≥10G Ohm	885 342 007 005 200 V _{DC} 2.2nF; ±5%; T=1.25mm; Q≥1000; IR≥10G Ohm	885 342 207 013 200 V _{DC} 1nF; ±10%; T=0.8mm; DF≤2.5%; IR≥10G Ohm	885 342 208 007 500 V _{DC} 2.2nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 208 014 630 V _{DC} 22nF; ±10%; T=1.6mm; DF≤2.5%; IR≥4.55G Ohm	885 342 211 002 200 V _{DC} 100nF; ±10%; T=1.25mm; DF≤2.5%; IR≥1G Ohm
885 342 006 005 250 V _{DC} 470pF; ±5%; T=0.8mm; Q≥1000; IR≥10G Ohm	885 342 007 006 200 V _{DC} 47pF; ±5%; T=0.6mm; Q≥1000; IR≥10G Ohm	885 342 207 014 200 V _{DC} 10nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 208 008 500 V _{DC} 4.7nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 208 015 630 V _{DC} 33nF; ±10%; T=1.6mm; DF≤2.5%; IR≥3.03G Ohm	885 342 211 003 250 V _{DC} 470nF; ±10%; T=2.5mm; DF≤2.5%; IR≥0.21G Ohm
885 342 206 001 250 V _{DC} 100pF; ±10%; T=0.8mm; DF≤2.5%; IR≥10G Ohm	885 342 207 009 200 V _{DC} 4.7nF; ±10%; T=0.8mm; DF≤2.5%; IR≥10G Ohm	1206 885 342 008 001 500 V _{DC} 47pF; ±5%; T=0.8mm Q≥1000; IR≥10G Ohm	885 342 208 009 500 V _{DC} 10nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	1210 885 342 209 003 630 V _{DC} 220nF; ±10%; T=2.5mm DF≤2.5%; IR≥0.46G Ohm	885 342 211 004 500 V _{DC} 10nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm
885 342 206 003 250 V _{DC} 1nF; ±10%; T=0.8mm; DF≤2.5%; IR≥10G Ohm	885 342 207 010 200 V _{DC} 10nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 008 004 630 V _{DC} 100pF; ±5%; T=1.25mm; Q≥1000; IR≥10G Ohm	885 342 208 011 630 V _{DC} 1nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 209 004 630 V _{DC} 33nF; ±10%; T=1.6mm; DF≤2.5%; IR≥3.03G Ohm	885 342 211 005 500 V _{DC} 100nF; ±10%; T=2mm; DF≤2.5%; IR≥1G Ohm
885 342 206 006 250 V _{DC} 10nF; ±10%; T=0.8mm; DF≤2.5%; IR≥10G Ohm	885 342 207 011 200 V _{DC} 22nF; ±10%; T=1.25mm; DF≤2.5%; IR≥4.55G Ohm	885 342 008 007 630 V _{DC} 2.2nF; ±5%; T=1.6mm; Q≥1000; IR≥10G Ohm	885 342 208 012 630 V _{DC} 10nF; ±10%; T=1.25mm; DF≤2.5%; IR≥10G Ohm	885 342 209 005 630 V _{DC} 68nF; ±10%; T=2mm; DF≤2.5%; IR≥1.47G Ohm	885 342 211 006 630 V _{DC} 100nF; ±10%; T=2mm; DF≤2.5%; IR≥1G 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!**

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