

DESIGN KIT

WCAP-ASLL Aluminum Electrolytic Capacitors

SMT V-Chip – 2000 h to 5000 h @ 105 °C



865 060 440 001 25 V ASEB055100M025DVCTAB000 C: 10 µF I _{ripple} : 90 mA D x L: 4 x 5.5 mm	865 060 442 002 25 V ASEC055220M025DVCTBB000 C: 22 µF I _{ripple} : 150 mA D x L: 5 x 5.5 mm	865 060 445 005 25 V ASED077101M025DVCTCB000 C: 100 µF I _{ripple} : 300 mA D x L: 6.3 x 7.7 mm	865 060 453 006 25 V ASEE105151M025DVCTEE000 C: 150 µF I _{ripple} : 500 mA D x L: 8 x 10.5 mm	865 060 453 007 25 V ASEE105221M025DVCTEE000 C: 220 µF I _{ripple} : 550 mA D x L: 8 x 10.5 mm	865 060 453 008 25 V ASEE105331M025DVCTEE000 C: 330 µF I _{ripple} : 600 mA D x L: 8 x 10.5 mm	865 060 457 009 25 V ASEF105471M025DVCTEE000 C: 470 µF I _{ripple} : 670 mA D x L: 10 x 10.5 mm	865 060 462 010 25 V ASEH140102M025DVCTGE000 C: 1000 µF I _{ripple} : 1150 mA D x L: 12.5 x 14 mm	865 060 463 011 25 V ASEK170222M025DVCTHE000 C: 2200 µF I _{ripple} : 1800 mA D x L: 16 x 17 mm	865 060 540 001 35 V ASEB0554R7M035DVCTAB000 C: 4.7 µF I _{ripple} : 90 mA D x L: 4 x 5.5 mm	865 060 542 002 35 V ASEC055100M035DVCTBB000 C: 10 µF I _{ripple} : 150 mA D x L: 5 x 5.5 mm	865 060 543 003 35 V ASED055220M035DVCTBB000 C: 22 µF I _{ripple} : 230 mA D x L: 6.3 x 5.5 mm	865 060 543 004 35 V ASED055330M035DVCTBB000 C: 33 µF I _{ripple} : 240 mA D x L: 6.3 x 5.5 mm	865 060 543 005 35 V ASED055470M035DVCTBB000 C: 47 µF I _{ripple} : 240 mA D x L: 6.3 x 5.5 mm	865 060 553 006 35 V ASEE105101M035DVCTEE000 C: 100 µF I _{ripple} : 450 mA D x L: 8 x 10.5 mm	865 060 553 007 35 V ASEE105151M035DVCTEE000 C: 150 µF I _{ripple} : 550 mA D x L: 8 x 10.5 mm	865 060 557 008 35 V ASEF105221M035DVCTEE000 C: 220 µF I _{ripple} : 670 mA D x L: 10 x 10.5 mm	865 060 562 009 35 V ASEH140471M035DVCTGE000 C: 470 µF I _{ripple} : 1150 mA D x L: 12.5 x 14 mm	865 060 562 010 35 V ASEH140681M035DVCTGE000 C: 680 µF I _{ripple} : 1150 mA D x L: 12.5 x 14 mm	865 060 563 011 35 V ASEK170102M035DVCTHE000 C: 1000 µF I _{ripple} : 1800 mA D x L: 16 x 17 mm	865 060 563 012 35 V ASEK170152M035DVCTHE000 C: 1500 µF I _{ripple} : 1800 mA D x L: 16 x 17 mm	865 060 640 001 50 V ASEB055010M050DVCTAB000 C: 1 µF I _{ripple} : 60 mA D x L: 4 x 5.5 mm	865 060 640 002 50 V ASEB0552R2M050DVCTAB000 C: 2.2 µF I _{ripple} : 60 mA D x L: 4 x 5.5 mm	865 060 640 003 50 V ASEB0553R3M050DVCTAB000 C: 3.3 µF I _{ripple} : 60 mA D x L: 4 x 5.5 mm	865 060 642 004 50 V ASEC0554R7M050DVCTBB000 C: 4.7 µF I _{ripple} : 85 mA D x L: 5 x 5.5 mm	865 060 643 005 50 V ASED055100M050DVCTBB000 C: 10 µF I _{ripple} : 165 mA D x L: 6.3 x 5.5 mm	865 060 643 006 50 V ASED055220M050DVCTBB000 C: 22 µF I _{ripple} : 165 mA D x L: 6.3 x 5.5 mm	865 060 645 007 50 V ASED077330M050DVCTCB000 C: 33 µF I _{ripple} : 185 mA D x L: 6.3 x 7.7 mm	865 060 645 008 50 V ASED077470M050DVCTCB000 C: 47 µF I _{ripple} : 185 mA D x L: 6.3 x 7.7 mm	865 060 653 009 50 V ASEE105680M050DVCTEE000 C: 68 µF I _{ripple} : 300 mA D x L: 8 x 10.5 mm	865 060 657 011 50 V ASEF105151M050DVCTEE000 C: 150 µF I _{ripple} : 555 mA D x L: 10 x 10.5 mm	865 060 657 012 50 V ASEF105221M050DVCTEE000 C: 220 µF I _{ripple} : 600 mA D x L: 10 x 10.5 mm	865 060 663 013 50 V ASEK170471M050DVCTHE000 C: 470 µF I _{ripple} : 1610 mA D x L: 16 x 17 mm	865 060 663 014 50 V ASEK170681M050DVCTHE000 C: 680 µF I _{ripple} : 1610 mA D x L: 16 x 17 mm	865 060 663 015 50 V ASEK170102M050DVCTHE000 C: 1000 µF I _{ripple} : 1610 mA D x L: 16 x 17 mm
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TECHNICAL DATA:

Capacitance Tolerance: ±20 %

Temperature Range: - 55 °C / +105 °C

I_{ripple}: Max. Values @ 100 kHz / +105 °C

Endurance: 2000 h to
5000 h @ +105 °C,
max. I_{ripple} applied



DC Voltage Rating

25 V
35 V
50 V

EMC COMPONENTS | INDUCTORS | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | LEDs | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | REDCUBE TERMINALS | **CAPACITORS**

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.

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