

DESIGN KIT

WCAP-PSLP Aluminum Polymer Capacitor

SMT V-Chip – 2000 h @ 105 °C



875 105 142 006 6.3 V PSEC055151M6R3DVCTBB000 C: 150 μ F I _{ripple} : 1970 mA D x L: 5 x 5.5 mm	875 105 144 008 6.3 V PSED058221M6R3DVCTBB000 C: 220 μ F I _{ripple} : 3000 mA D x L: 6.3 x 5.8 mm	875 105 145 011 6.3 V PSED077391M6R3DVCTCB000 C: 390 μ F I _{ripple} : 3400 mA D x L: 6.3 x 7.7 mm	875 105 240 001 10 V PSEB055100M010DVCTAB000 C: 10 μ F I _{ripple} : 1200 mA D x L: 4 x 5.5 mm	875 105 240 002 10 V PSEB055150M010DVCTAB000 C: 15 μ F I _{ripple} : 1200 mA D x L: 4 x 5.5 mm	875 105 240 003 10 V PSEB055220M010DVCTAB000 C: 22 μ F I _{ripple} : 1200 mA D x L: 4 x 5.5 mm	875 105 242 004 10 V PSEC055330M010DVCTBB000 C: 33 μ F I _{ripple} : 1970 mA D x L: 5 x 5.5 mm
875 105 242 006 10 V PSEC055470M010DVCTBB000 C: 47 μ F I _{ripple} : 1970 mA D x L: 5 x 5.5 mm	875 105 242 007 10 V PSEC055560M010DVCTBB000 C: 56 μ F I _{ripple} : 1970 mA D x L: 5 x 5.5 mm	875 105 242 008 10 V PSEC055680M010DVCTBB000 C: 68 μ F I _{ripple} : 1970 mA D x L: 5 x 5.5 mm	875 105 242 009 10 V PSEC055820M010DVCTBB000 C: 82 μ F I _{ripple} : 1970 mA D x L: 5 x 5.5 mm	875 105 242 010 10 V PSEC055101M010DVCTBB000 C: 100 μ F I _{ripple} : 1970 mA D x L: 5 x 5.5 mm	875 105 244 011 10 V PSED058151M010DVCTBB000 C: 150 μ F I _{ripple} : 2200 mA D x L: 6.3 x 5.8 mm	875 105 244 012 10 V PSED058181M010DVCTBB000 C: 180 μ F I _{ripple} : 1970 mA D x L: 6.3 x 5.8 mm
875 105 244 013 10 V PSED058221M010DVCTBB000 C: 220 μ F I _{ripple} : 1970 mA D x L: 6.3 x 5.8 mm	875 105 245 014 10 V PSED077271M010DVCTCB000 C: 270 μ F I _{ripple} : 2690 mA D x L: 6.3 x 7.7 mm	875 105 245 015 10 V PSED077331M010DVCTCB000 C: 330 μ F I _{ripple} : 2690 mA D x L: 6.3 x 7.7 mm	875 105 359 001 16 V PSEC058100M016DVCTBB000 C: 10 μ F I _{ripple} : 2200 mA D x L: 5 x 5.8 mm	875 105 359 002 16 V PSEC058150M016DVCTBB000 C: 15 μ F I _{ripple} : 2200 mA D x L: 5 x 5.8 mm	875 105 359 003 16 V PSEC058220M016DVCTBB000 C: 22 μ F I _{ripple} : 2200 mA D x L: 5 x 5.8 mm	875 105 359 004 16 V PSEC058330M016DVCTBB000 C: 33 μ F I _{ripple} : 2200 mA D x L: 5 x 5.8 mm
875 105 359 005 16 V PSEC058390M016DVCTBB000 C: 39 μ F I _{ripple} : 2200 mA D x L: 5 x 5.8 mm	875 105 344 006 16 V PSED058470M016DVCTBB000 C: 47 μ F I _{ripple} : 2200 mA D x L: 6.3 x 5.8 mm	875 105 344 007 16 V PSED058560M016DVCTBB000 C: 56 μ F I _{ripple} : 2200 mA D x L: 6.3 x 5.8 mm	875 105 344 008 16 V PSED058680M016DVCTBB000 C: 68 μ F I _{ripple} : 2200 mA D x L: 6.3 x 5.8 mm	875 105 344 009 16 V PSED058820M016DVCTBB000 C: 82 μ F I _{ripple} : 2200 mA D x L: 6.3 x 5.8 mm	875 105 344 010 16 V PSED058101M016DVCTBB000 C: 100 μ F I _{ripple} : 2690 mA D x L: 6.3 x 5.8 mm	875 105 345 011 16 V PSED077151M016DVCTCB000 C: 150 μ F I _{ripple} : 2690 mA D x L: 6.3 x 7.7 mm
875 105 445 006 20 V PSED077470M020DVCTCB000 C: 47 μ F I _{ripple} : 2670 mA D x L: 6.3 x 7.7 mm	875 105 445 007 20 V PSED077560M020DVCTCB000 C: 56 μ F I _{ripple} : 2670 mA D x L: 6.3 x 7.7 mm	875 105 544 001 25 V PSED058100M025DVCTBB000 C: 10 μ F I _{ripple} : 2200 mA D x L: 6.3 x 5.8 mm	875 105 544 002 25 V PSED058150M025DVCTBB000 C: 15 μ F I _{ripple} : 2200 mA D x L: 6.3 x 5.8 mm	875 105 544 003 25 V PSED058220M025DVCTBB000 C: 22 μ F I _{ripple} : 2200 mA D x L: 6.3 x 5.8 mm	875 105 545 004 25 V PSED077330M025DVCTCB000 C: 33 μ F I _{ripple} : 2670 mA D x L: 6.3 x 7.7 mm	875 105 545 005 25 V PSED077390M025DVCTCB000 C: 39 μ F I _{ripple} : 2670 mA D x L: 6.3 x 7.7 mm

TECHNICAL DATA:

Capacitance Tolerance: $\pm 20\%$
Temperature Range: $-55^{\circ}\text{C} / +105^{\circ}\text{C}$
I_{ripple}: Max. Values @ 100 kHz / 105 °C
Endurance: 2000 h @ 105 °C,
max. I_{ripple} applied



DC Voltage Rating

6.3 V
10 V
16 V
20 V
25 V

EMC COMPONENTS | INDUCTORS | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | LEDs | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS | **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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