



DESIGN KIT

WCAP-ASLI Aluminum Electrolytic Capacitors

SMT V-Chip – 2000 h @ 105 °C



TECHNICAL DATA:

C:	10 – 6800 μF
U_R :	6.3 – 16 V_{DC}
I_{ripple} :	79 – 1250 mA
D x L:	4 x 5.5 – 16 x 17 mm

Order Code 865 080

Version 1.0

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WCAP-ASLI Aluminum Electrolytic Capacitors

SMT V-Chip – 2000 h @ 105 °C



865 080 140 002 6.3 V ASEB055270M6R3DVCCTAB000 C: 27 μF I _{ripple} : 79 mA D x L: 4 x 5.5 mm	865 080 142 005 6.3 V ASEC055560M6R3DVCCTBB000 C: 56 μF I _{ripple} : 150 mA D x L: 5 x 5.5 mm	865 080 142 006 6.3 V ASEC055680M6R3DVCCTBB000 C: 68 μF I _{ripple} : 160 mA D x L: 5 x 5.5 mm	865 080 142 007 6.3 V ASEC055101M6R3DVCCTBB000 C: 100 μF I _{ripple} : 170 mA D x L: 5 x 5.5 mm	865 080 149 011 6.3 V ASE065331M6R3DVCCTBB000 C: 330 μF I _{ripple} : 290 mA D x L: 8 x 6.5 mm	865 080 145 010 6.3 V ASE077331M6R3DVCCTCB000 C: 330 μF I _{ripple} : 275 mA D x L: 6.3 x 7.7 mm	865 080 153 012 6.3 V ASEE105471M6R3DVCCTEB000 C: 470 μF I _{ripple} : 450 mA D x L: 8 x 10.5 mm
865 080 153 013 6.3 V ASEE105681M6R3DVCCTEB000 C: 680 μF I _{ripple} : 500 mA D x L: 8 x 10.5 mm	865 080 153 014 6.3 V ASEE105102M6R3DVCCTEB000 C: 1000 μF I _{ripple} : 530 mA D x L: 8 x 10.5 mm	865 080 157 015 6.3 V ASEF105122M6R3DVCCTEB000 C: 1200 μF I _{ripple} : 600 mA D x L: 10 x 10.5 mm	865 080 157 016 6.3 V ASEF105152M6R3DVCCTEB000 C: 1500 μF I _{ripple} : 650 mA D x L: 10 x 10.5 mm	865 080 162 017 6.3 V ASEH140332M6R3DVCCTGB000 C: 3300 μF I _{ripple} : 1100 mA D x L: 12.5 x 14 mm	865 080 163 018 6.3 V ASEK170682M6R3DVCCTHB000 C: 6800 μF I _{ripple} : 1250 mA D x L: 16 x 17 mm	865 080 240 003 10 V ASEB055330M010DVCCTAB000 C: 33 μF I _{ripple} : 90 mA D x L: 4 x 5.5 mm
865 080 253 011 10 V ASEE105331M010DVCCTEB000 C: 330 μF I _{ripple} : 500 mA D x L: 8 x 10.5 mm	865 080 253 012 10 V ASEE105471M010DVCCTEB000 C: 470 μF I _{ripple} : 550 mA D x L: 8 x 10.5 mm	865 080 257 013 10 V ASEF105681M010DVCCTEB000 C: 680 μF I _{ripple} : 680 mA D x L: 10 x 10.5 mm	865 080 257 014 10 V ASEF105102M010DVCCTEB000 C: 1000 μF I _{ripple} : 740 mA D x L: 10 x 10.5 mm	865 080 262 015 10 V ASEH140222M010DVCCTGB000 C: 2200 μF I _{ripple} : 1100 mA D x L: 12.5 x 14 mm	865 080 263 016 10 V ASEK170472M010DVCCTHB000 C: 4700 μF I _{ripple} : 1250 mA D x L: 16 x 17 mm	865 080 340 001 16 V ASEB055100M016DVCCTAB000 C: 10 μF I _{ripple} : 80 mA D x L: 4 x 5.5 mm
865 080 340 002 16 V ASEB055150M016DVCCTAB000 C: 15 μF I _{ripple} : 85 mA D x L: 4 x 5.5 mm	865 080 340 003 16 V ASEB055220M016DVCCTAB000 C: 22 μF I _{ripple} : 90 mA D x L: 4 x 5.5 mm	865 080 342 004 16 V ASEC055270M016DVCCTBB000 C: 27 μF I _{ripple} : 170 mA D x L: 5 x 5.5 mm	865 080 343 005 16 V ASE055330M016DVCCTBB000 C: 33 μF I _{ripple} : 185 mA D x L: 6.3 x 5.5 mm	865 080 342 006 16 V ASEC055470M016DVCCTBB000 C: 47 μF I _{ripple} : 195 mA D x L: 5 x 5.5 mm	865 080 343 008 16 V ASE055680M016DVCCTBB000 C: 68 μF I _{ripple} : 230 mA D x L: 6.3 x 5.5 mm	865 080 349 011 16 V ASEE065151M016DVCCTBB000 C: 150 μF I _{ripple} : 270 mA D x L: 8 x 6.5 mm
865 080 345 010 16 V ASE077151M016DVCCTCB000 C: 150 μF I _{ripple} : 265 mA D x L: 6.3 x 7.7 mm	865 080 345 012 16 V ASE077221M016DVCCTCB000 C: 220 μF I _{ripple} : 275 mA D x L: 6.3 x 7.7 mm	865 080 353 014 16 V ASEE105331M016DVCCTEB000 C: 330 μF I _{ripple} : 550 mA D x L: 8 x 10.5 mm	865 080 353 015 16 V ASEE105471M016DVCCTEB000 C: 470 μF I _{ripple} : 590 mA D x L: 8 x 10.5 mm	865 080 357 016 16 V ASEF105681M016DVCCTEB000 C: 680 μF I _{ripple} : 720 mA D x L: 10 x 10.5 mm	865 080 362 017 16 V ASEH140152M016DVCCTGB000 C: 1500 μF I _{ripple} : 1100 mA D x L: 12.5 x 14 mm	865 080 363 018 16 V ASEK170332M016DVCCTHB000 C: 3300 μF I _{ripple} : 1250 mA D x L: 16 x 17 mm

TECHNICAL DATA:

Capacitance Tolerance: $\pm 20\%$
 Temperature Range: $-55\text{ }^\circ\text{C} / +105\text{ }^\circ\text{C}$
 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

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

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