



DESIGN KIT

WCAP-AT1H Aluminum Electrolytic Capacitors

Radial THT – 5000 h up to 10000 h @ 105 °C



TECHNICAL DATA:

C:	22 – 3300 µF
U_R :	10 – 25 V _{DC}
I_{ripple} :	100 – 2400 mA
D x L:	5 x 11 – 16 x 31.5 mm
Pitch:	2 – 7.5 mm

Order Code 860 240

Version 1.0

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WCAP-AT1H Aluminum Electrolytic Capacitors

Radial THT – 5000 h up to 10000 h @ 105 °C



860 240 272 001 10 V ATDC110470M010DSPA3E000 C: 47 μ F I _{ripple} : 100 mA D x L / Pitch: 5 x 11 / 2 mm	860 240 272 002 10 V ATDC110680M010DSPA3E000 C: 68 μ F I _{ripple} : 130 mA D x L / Pitch: 5 x 11 / 2 mm	860 240 273 003 10 V ATDD110101M010DSPA4E000 C: 100 μ F I _{ripple} : 190 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	860 240 273 004 10 V ATDD110151M010DSPA4E000 C: 150 μ F I _{ripple} : 220 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	860 240 273 005 10 V ATDD110221M010DSPA4E000 C: 220 μ F I _{ripple} : 270 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	860 240 274 006 10 V ATDE115331M010DSPA7H000 C: 330 μ F I _{ripple} : 390 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 240 275 007 10 V ATDF125471M010DSPA9K000 C: 470 μ F I _{ripple} : 540 mA D x L / Pitch: 10 x 12.5 / 5 mm
860 240 275 008 10 V ATDF160102M010DSPA0K000 C: 1000 μ F I _{ripple} : 900 mA D x L / Pitch: 10 x 16 / 5 mm	860 240 278 009 10 V ATDI200222M010DSPA0K000 C: 2200 μ F I _{ripple} : 1540 mA D x L / Pitch: 13 x 20 / 5 mm	860 240 280 010 10 V ATDK250332M010DSPA0K000 C: 3300 μ F I _{ripple} : 1900 mA D x L / Pitch: 16 x 25 / 7.5 mm	860 240 372 001 16 V ATDC110330M016DSPA3E000 C: 33 μ F I _{ripple} : 115 mA D x L / Pitch: 5 x 11 / 2 mm	860 240 372 002 16 V ATDC110470M016DSPA3E000 C: 47 μ F I _{ripple} : 145 mA D x L / Pitch: 5 x 11 / 2 mm	860 240 373 003 16 V ATDD110680M016DSPA4E000 C: 68 μ F I _{ripple} : 200 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	860 240 374 004 16 V ATDE115101M016DSPA7H000 C: 100 μ F I _{ripple} : 245 mA D x L / Pitch: 8 x 11.5 / 3.5 mm
860 240 374 005 16 V ATDE115151M016DSPA7H000 C: 150 μ F I _{ripple} : 300 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 240 374 006 16 V ATDE115221M016DSPA7H000 C: 220 μ F I _{ripple} : 420 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 240 374 007 16 V ATDE160331M016DSPA7H000 C: 330 μ F I _{ripple} : 500 mA D x L / Pitch: 8 x 16 / 3.5 mm	860 240 375 008 16 V ATDF160471M016DSPA0K000 C: 470 μ F I _{ripple} : 730 mA D x L / Pitch: 10 x 16 / 5 mm	860 240 378 009 16 V ATDI200102M016DSPA0K000 C: 1000 μ F I _{ripple} : 1173 mA D x L / Pitch: 13 x 20 / 5 mm	860 240 380 010 16 V ATDK250222M016DSPA0K000 C: 2200 μ F I _{ripple} : 2093 mA D x L / Pitch: 16 x 25 / 7.5 mm	860 240 472 001 25 V ATDC110220M025DSPA3E000 C: 22 μ F I _{ripple} : 100 mA D x L / Pitch: 5 x 11 / 2 mm
860 240 472 002 25 V ATDC110330M025DSPA3E000 C: 33 μ F I _{ripple} : 130 mA D x L / Pitch: 5 x 11 / 2 mm	860 240 473 003 25 V ATDD110470M025DSPA4E000 C: 47 μ F I _{ripple} : 160 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	860 240 474 004 25 V ATDE115680M025DSPA7H000 C: 68 μ F I _{ripple} : 230 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 240 474 005 25 V ATDE115101M025DSPA7H000 C: 100 μ F I _{ripple} : 327 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 240 475 006 25 V ATDF125151M025DSPA9K000 C: 150 μ F I _{ripple} : 460 mA D x L / Pitch: 10 x 12.5 / 5 mm	860 240 475 007 25 V ATDF160221M025DSPA0K000 C: 220 μ F I _{ripple} : 580 mA D x L / Pitch: 10 x 16 / 5 mm	860 240 475 008 25 V ATDF200331M025DSPA0K000 C: 330 μ F I _{ripple} : 805 mA D x L / Pitch: 10 x 20 / 5 mm
860 240 475 009 25 V ATDF200471M025DSPA0K000 C: 470 μ F I _{ripple} : 950 mA D x L / Pitch: 10 x 20 / 5 mm	860 240 478 010 25 V ATDI250102M025DSPA0K000 C: 1000 μ F I _{ripple} : 1552 mA D x L / Pitch: 13 x 25 / 5 mm	860 240 480 011 25 V ATDK315222M025DSPA0K000 C: 2200 μ F I _{ripple} : 2400 mA D x L / Pitch: 16 x 31.5 / 7.5 mm	860 240 478 010 25 V ATDI250102M025DSPA0K000 C: 1000 μ F I _{ripple} : 1552 mA D x L / Pitch: 13 x 25 / 5 mm	860 240 480 011 25 V ATDK315222M025DSPA0K000 C: 2200 μ F I _{ripple} : 2400 mA D x L / Pitch: 16 x 31.5 / 7.5 mm		

TECHNICAL DATA:

Capacitance Tolerance: $\pm 20\%$
 Temperature Range: $-40\text{ }^{\circ}\text{C} / +105\text{ }^{\circ}\text{C}$
 I_{ripple}: Max. Values @ 100 kHz / 105 °C
 Endurance: 5000 h up to
 10000 h @ 105 °C



DC Voltage Rating

10 V
16 V
25 V

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

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