



DESIGN KIT

WCAP-AT1H Aluminum Electrolytic Capacitors

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



TECHNICAL DATA:

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

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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