

DESIGN KIT

WCAP-ATLL Aluminum Electrolytic Capacitors

Radial THT – 4000 h up to 7000 h @ 105 °C



860 160 672 001 50 V ATEC110R47M050DSPA3D000 C: 0.47 μ F I _{ripple} : 12 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 002 50 V ATEC110010M050DSPA3D000 C: 1 μ F I _{ripple} : 24 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 003 50 V ATEC1102R2M050DSPA3D000 C: 2.2 μ F I _{ripple} : 36 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 004 50 V ATEC1103R3M050DSPA3D000 C: 3.3 μ F I _{ripple} : 48 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 005 50 V ATEC1104R7M050DSPA3D000 C: 4.7 μ F I _{ripple} : 66 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 006 50 V ATEC1105R6M050DSPA3D000 C: 5.6 μ F I _{ripple} : 96 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 007 50 V ATEC1106R8M050DSPA3D000 C: 6.8 μ F I _{ripple} : 96 mA D x L / Pitch: 5 x 11 / 2 mm
860 160 672 008 50 V ATEC1108R2M050DSPA3D000 C: 8.2 μ F I _{ripple} : 108 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 009 50 V ATEC110100M050DSPA3D000 C: 10 μ F I _{ripple} : 120 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 010 50 V ATEC110150M050DSPA3D000 C: 15 μ F I _{ripple} : 150 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 672 011 50 V ATEC110220M050DSPA3D000 C: 22 μ F I _{ripple} : 162 mA D x L / Pitch: 5 x 11 / 2 mm	860 160 673 012 50 V ATED110270M050DSPA4D000 C: 27 μ F I _{ripple} : 192 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	860 160 673 013 50 V ATED110330M050DSPA4C000 C: 33 μ F I _{ripple} : 282 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	860 160 673 014 50 V ATED110390M050DSPA4C000 C: 39 μ F I _{ripple} : 306 mA D x L / Pitch: 6.3 x 11 / 2.5 mm
860 160 674 016 50 V ATEE115470M050DSPA7G000 C: 47 μ F I _{ripple} : 366 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 160 674 017 50 V ATEE115560M050DSPA7G000 C: 56 μ F I _{ripple} : 378 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 160 674 018 50 V ATEE115680M050DSPA7G000 C: 68 μ F I _{ripple} : 420 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 160 673 019 50 V ATED150820M050DSPA4C000 C: 82 μ F I _{ripple} : 462 mA D x L / Pitch: 6.3 x 15 / 2.5 mm	860 160 674 021 50 V ATEE115101M050DSPA7D000 C: 100 μ F I _{ripple} : 540 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	860 160 674 022 50 V ATEE160121M050DSPA7G000 C: 120 μ F I _{ripple} : 630 mA D x L / Pitch: 8 x 16 / 3.5 mm	860 160 674 023 50 V ATEE160151M050DSPA7D000 C: 150 μ F I _{ripple} : 696 mA D x L / Pitch: 8 x 16 / 3.5 mm
860 160 675 025 50 V ATEF160181M050DSPAAG000 C: 180 μ F I _{ripple} : 912 mA D x L / Pitch: 10 x 16 / 5 mm	860 160 675 026 50 V ATEF160221M050DSPAAG000 C: 220 μ F I _{ripple} : 1056 mA D x L / Pitch: 10 x 16 / 5 mm	860 160 675 027 50 V ATEF200271M050DSPAAG000 C: 270 μ F I _{ripple} : 1212 mA D x L / Pitch: 10 x 20 / 5 mm	860 160 675 028 50 V ATEF250331M050DSPAAG000 C: 330 μ F I _{ripple} : 1404 mA D x L / Pitch: 10 x 25 / 5 mm	860 160 678 030 50 V ATEI200471M050DSPAAG000 C: 470 μ F I _{ripple} : 1776 mA D x L / Pitch: 13 x 20 / 5 mm	860 160 678 031 50 V ATEI200561M050DSPAAG000 C: 560 μ F I _{ripple} : 2094 mA D x L / Pitch: 13 x 20 / 5 mm	860 160 678 032 50 V ATEI250681M050DSPAAG000 C: 680 μ F I _{ripple} : 2304 mA D x L / Pitch: 13 x 25 / 5 mm
860 160 678 033 50 V ATEI300821M050DSPAAG000 C: 820 μ F I _{ripple} : 2412 mA D x L / Pitch: 13 x 30 / 5 mm	860 160 680 034 50 V ATEK250102M050DSPAAG000 C: 1000 μ F I _{ripple} : 2676 mA D x L / Pitch: 16 x 25 / 7.5 mm	860 160 680 035 50 V ATEK315122M050DSPAAG000 C: 1200 μ F I _{ripple} : 2952 mA D x L / Pitch: 16 x 31.5 / 7.5 mm	860 160 680 036 50 V ATEK355152M050DSPAAG000 C: 1500 μ F I _{ripple} : 3216 mA D x L / Pitch: 16 x 35.5 / 7.5 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: 3000 h up to
7000 h @ +105 °C,
max. I_{ripple} applied



DC Voltage Rating

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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