



## DESIGN KIT

# WCAP-ATUL Aluminum Electrolytic Capacitors

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



### TECHNICAL DATA:

C:	47 – 4700 $\mu$ F
$U_R$ :	16 – 25 $V_{DC}$
$I_{ripple}$ :	160 – 3000 mA
D x L:	5 x 11 – 18 x 25 mm
Pitch:	2 – 7.5 mm

**Order Code 860 040**

**Version 1.0**

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## WCAP-ATUL Aluminum Electrolytic Capacitors

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



<b>860 040 372 001</b> 16 V ATDC110560M016DSPA3E000 <b>C:</b> 56 µF I <sub>ripple</sub> : 200 mA D x L / Pitch: 5 x 11 / 2 mm	<b>860 040 373 002</b> 16 V ATDD110101M016DSPA4E000 <b>C:</b> 100 µF I <sub>ripple</sub> : 280 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	<b>860 040 373 003</b> 16 V ATDD110121M016DSPA4E000 <b>C:</b> 120 µF I <sub>ripple</sub> : 310 mA D x L / Pitch: 6.3 x 11 / 2.5 mm	<b>860 040 374 004</b> 16 V ATDE115221M016DSPA7G000 <b>C:</b> 220 µF I <sub>ripple</sub> : 480 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	<b>860 040 374 005</b> 16 V ATDE115331M016DSPA7G000 <b>C:</b> 330 µF I <sub>ripple</sub> : 600 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	<b>860 040 374 006</b> 16 V ATDE160471M016DSPA7G000 <b>C:</b> 470 µF I <sub>ripple</sub> : 780 mA D x L / Pitch: 8 x 16 / 3.5 mm	<b>860 040 375 007</b> 16 V ATDF125471M016DSPA9G000 <b>C:</b> 470 µF I <sub>ripple</sub> : 800 mA D x L / Pitch: 10 x 12.5 / 5 mm
<b>860 040 374 008</b> 16 V ATDE200681M016DSPA7G000 <b>C:</b> 680 µF I <sub>ripple</sub> : 1000 mA D x L / Pitch: 8 x 20 / 3.5 mm	<b>860 040 375 009</b> 16 V ATDF200821M016DSPAAG000 <b>C:</b> 820 µF I <sub>ripple</sub> : 1280 mA D x L / Pitch: 10 x 20 / 5 mm	<b>860 040 375 010</b> 16 V ATDF200102M016DSPAAG000 <b>C:</b> 1000 µF I <sub>ripple</sub> : 1380 mA D x L / Pitch: 10 x 20 / 5 mm	<b>860 040 378 011</b> 16 V ATDI160102M016DSPA000 <b>C:</b> 1000 µF I <sub>ripple</sub> : 1420 mA D x L / Pitch: 13 x 16 / 5 mm	<b>860 040 375 012</b> 16 V ATDF250122M016DSPAAG000 <b>C:</b> 1200 µF I <sub>ripple</sub> : 1560 mA D x L / Pitch: 10 x 25 / 5 mm	<b>860 040 378 013</b> 16 V ATDI200152M016DSPA000 <b>C:</b> 1500 µF I <sub>ripple</sub> : 1720 mA D x L / Pitch: 13 x 20 / 5 mm	<b>860 040 378 014</b> 16 V ATDI250182M016DSPA000 <b>C:</b> 1800 µF I <sub>ripple</sub> : 2030 mA D x L / Pitch: 13 x 25 / 5 mm
<b>860 040 378 015</b> 16 V ATDI250222M016DSPA000 <b>C:</b> 2200 µF I <sub>ripple</sub> : 2200 mA D x L / Pitch: 13 x 25 / 5 mm	<b>860 040 378 016</b> 16 V ATDI300272M016DSPA000 <b>C:</b> 2700 µF I <sub>ripple</sub> : 2600 mA D x L / Pitch: 13 x 30 / 5 mm	<b>860 040 378 017</b> 16 V ATDI350332M016DSPA000 <b>C:</b> 3300 µF I <sub>ripple</sub> : 2860 mA D x L / Pitch: 13 x 35 / 5 mm	<b>860 040 381 018</b> 16 V ATDL250472M016DSPA000 <b>C:</b> 4700 µF I <sub>ripple</sub> : 3000 mA D x L / Pitch: 18 x 25 / 7.5 mm	<b>860 040 472 001</b> 25 V ATDC110470M025DSPA3E000 <b>C:</b> 47 µF I <sub>ripple</sub> : 160 mA D x L / Pitch: 5 x 11 / 2 mm	<b>860 040 472 002</b> 25 V ATDC110560M025DSPA3E000 <b>C:</b> 56 µF I <sub>ripple</sub> : 240 mA D x L / Pitch: 5 x 11 / 2 mm	<b>860 040 473 003</b> 25 V ATDD110101M025DSPA4E000 <b>C:</b> 100 µF I <sub>ripple</sub> : 350 mA D x L / Pitch: 6.3 x 11 / 2.5 mm
<b>860 040 474 004</b> 25 V ATDE115221M025DSPA7G000 <b>C:</b> 220 µF I <sub>ripple</sub> : 590 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	<b>860 040 474 005</b> 25 V ATDE160331M025DSPA7G000 <b>C:</b> 330 µF I <sub>ripple</sub> : 810 mA D x L / Pitch: 8 x 16 / 3.5 mm	<b>860 040 475 006</b> 25 V ATDF125331M025DSPA9G000 <b>C:</b> 330 µF I <sub>ripple</sub> : 826 mA D x L / Pitch: 10 x 12.5 / 5 mm	<b>860 040 474 007</b> 25 V ATDE200471M025DSPA7G000 <b>C:</b> 470 µF I <sub>ripple</sub> : 1020 mA D x L / Pitch: 8 x 20 / 3.5 mm	<b>860 040 475 008</b> 25 V ATDF160471M025DSPAAG000 <b>C:</b> 470 µF I <sub>ripple</sub> : 1210 mA D x L / Pitch: 10 x 16 / 5 mm	<b>860 040 475 009</b> 25 V ATDF200681M025DSPAAG000 <b>C:</b> 680 µF I <sub>ripple</sub> : 1400 mA D x L / Pitch: 10 x 20 / 5 mm	<b>860 040 475 010</b> 25 V ATDF250821M025DSPAAG000 <b>C:</b> 820 µF I <sub>ripple</sub> : 1580 mA D x L / Pitch: 10 x 25 / 5 mm
<b>860 040 475 011</b> 25 V ATDF300102M025DSPAAG000 <b>C:</b> 1000 µF I <sub>ripple</sub> : 1820 mA D x L / Pitch: 10 x 30 / 5 mm	<b>860 040 478 012</b> 25 V ATDI200102M025DSPA000 <b>C:</b> 1000 µF I <sub>ripple</sub> : 1800 mA D x L / Pitch: 13 x 20 / 5 mm	<b>860 040 478 013</b> 25 V ATDI250152M025DSPA000 <b>C:</b> 1500 µF I <sub>ripple</sub> : 2240 mA D x L / Pitch: 13 x 25 / 5 mm	<b>860 040 478 014</b> 25 V ATDI300182M025DSPA000 <b>C:</b> 1800 µF I <sub>ripple</sub> : 2640 mA D x L / Pitch: 13 x 30 / 5 mm	<b>860 040 478 015</b> 25 V ATDI350222M025DSPA000 <b>C:</b> 2200 µF I <sub>ripple</sub> : 2880 mA D x L / Pitch: 13 x 35 / 5 mm	<b>860 040 480 016</b> 25 V ATDK250272M025DSPA000 <b>C:</b> 2700 µF I <sub>ripple</sub> : 2820 mA D x L / Pitch: 16 x 25 / 7.5 mm	

### TECHNICAL DATA:

Capacitance Tolerance: ±20 %  
 Temperature Range: -40 °C / +105 °C  
 I<sub>ripple</sub>: Max. Values @ 100 kHz / +105 °C  
 Endurance: 5000 h up to  
 10000 h @ +105 °C,  
 max. I<sub>ripple</sub> applied



### DC Voltage Rating

16 V
25 V

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