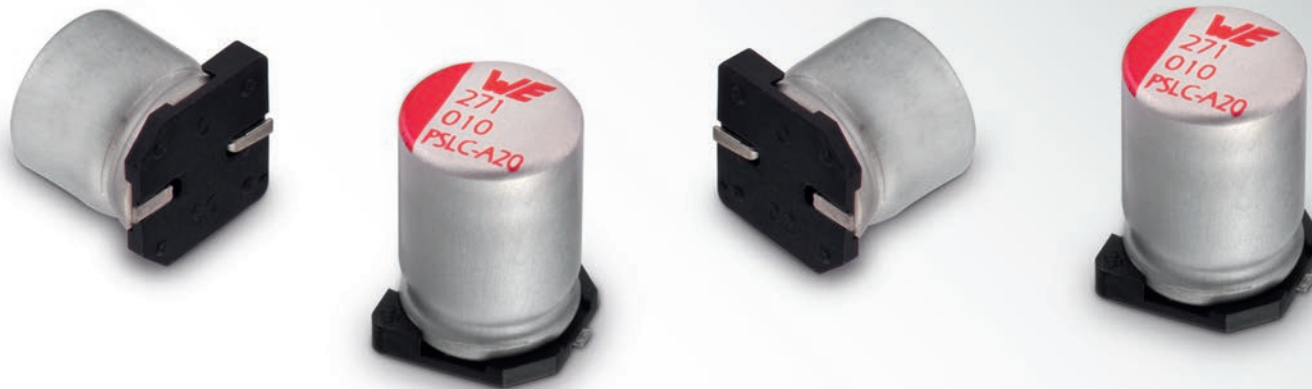


# DESIGN KIT

## WCAP-PSLC Aluminum Polymer Capacitor

SMT V-Chip – 2000 h @ 105 °C



### TECHNICAL DATA:

C:	39 – 2000 $\mu$ F
$U_R$ :	6.3 – 25 V <sub>DC</sub>
$I_{ripple}$ :	4210 – 5500 mA
D x L:	8 x 11.7 – 10 x 12.4 mm

Order Code 875 075

Version 1.0

# DESIGN KIT

## WCAP-PSLC Aluminum Polymer Capacitor

SMT V-Chip – 2000 h @ 105 °C



<b>875 075 155 001</b> <b>6.3 V</b> PSEE117181M6R3DVCTFB000 <b>C:</b> 180 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 002</b> <b>6.3 V</b> PSEE117221M6R3DVCTFB000 <b>C:</b> 220 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 003</b> <b>6.3 V</b> PSEE117271M6R3DVCTFB000 <b>C:</b> 270 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 004</b> <b>6.3 V</b> PSEE117331M6R3DVCTFB000 <b>C:</b> 330 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 005</b> <b>6.3 V</b> PSEE117391M6R3DVCTFB000 <b>C:</b> 390 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 006</b> <b>6.3 V</b> PSEE117471M6R3DVCTFB000 <b>C:</b> 470 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 007</b> <b>6.3 V</b> PSEE117561M6R3DVCTFB000 <b>C:</b> 560 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 008</b> <b>6.3 V</b> PSEE117681M6R3DVCTFB000 <b>C:</b> 680 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 009</b> <b>6.3 V</b> PSEE117821M6R3DVCTFB000 <b>C:</b> 820 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 155 010</b> <b>6.3 V</b> PSEE117102M6R3DVCTFB000 <b>C:</b> 1000 $\mu$ F $I_{\text{ripple}}$ : 5200 mA D x L: 8 x 11.7 mm	<b>875 075 161 011</b> <b>6.3 V</b> PSEF124122M6R3DVCTFB000 <b>C:</b> 1200 $\mu$ F $I_{\text{ripple}}$ : 5500 mA D x L: 10x12.4 mm	<b>875 075 161 012</b> <b>6.3 V</b> PSEF124152M6R3DVCTFB000 <b>C:</b> 1500 $\mu$ F $I_{\text{ripple}}$ : 5500 mA D x L: 10x12.4 mm	<b>875 075 161 013</b> <b>6.3 V</b> PSEF124202M6R3DVCTFB000 <b>C:</b> 2000 $\mu$ F $I_{\text{ripple}}$ : 5500 mA D x L: 10x12.4 mm	<b>875 075 355 001</b> <b>16 V</b> PSEE117181M016DVCTFB000 <b>C:</b> 180 $\mu$ F $I_{\text{ripple}}$ : 4700 mA D x L: 8 x 11.7 mm	<b>875 075 355 002</b> <b>16 V</b> PSEE117221M016DVCTFB000 <b>C:</b> 220 $\mu$ F $I_{\text{ripple}}$ : 4700 mA D x L: 8 x 11.7 mm	<b>875 075 355 003</b> <b>16 V</b> PSEE117271M016DVCTFB000 <b>C:</b> 270 $\mu$ F $I_{\text{ripple}}$ : 4700 mA D x L: 8 x 11.7 mm	<b>875 075 355 004</b> <b>16 V</b> PSEE117331M016DVCTFB000 <b>C:</b> 330 $\mu$ F $I_{\text{ripple}}$ : 4700 mA D x L: 8 x 11.7 mm	<b>875 075 361 005</b> <b>16 V</b> PSEF124471M016DVCTFB000 <b>C:</b> 470 $\mu$ F $I_{\text{ripple}}$ : 5100 mA D x L: 10x12.4 mm	<b>875 075 361 006</b> <b>16 V</b> PSEF124681M016DVCTFB000 <b>C:</b> 680 $\mu$ F $I_{\text{ripple}}$ : 5100 mA D x L: 10x12.4 mm	<b>875 075 361 007</b> <b>16 V</b> PSEF124821M016DVCTFB000 <b>C:</b> 820 $\mu$ F $I_{\text{ripple}}$ : 5100 mA D x L: 10x12.4 mm	<b>875 075 555 001</b> <b>25 V</b> PSEE117390M025DVCTFB000 <b>C:</b> 39 $\mu$ F $I_{\text{ripple}}$ : 4210 mA D x L: 8 x 11.7 mm	<b>875 075 555 002</b> <b>25 V</b> PSEE117470M025DVCTFB000 <b>C:</b> 47 $\mu$ F $I_{\text{ripple}}$ : 4210 mA D x L: 8 x 11.7 mm	<b>875 075 555 003</b> <b>25 V</b> PSEE117680M025DVCTFB000 <b>C:</b> 68 $\mu$ F $I_{\text{ripple}}$ : 4210 mA D x L: 8 x 11.7 mm	<b>875 075 555 004</b> <b>25 V</b> PSEE117820M025DVCTFB000 <b>C:</b> 82 $\mu$ F $I_{\text{ripple}}$ : 4210 mA D x L: 8 x 11.7 mm	<b>875 075 561 005</b> <b>25 V</b> PSEF124101M025DVCTFB000 <b>C:</b> 100 $\mu$ F $I_{\text{ripple}}$ : 4800 mA D x L: 10x12.4 mm	<b>875 075 561 006</b> <b>25 V</b> PSEF124151M025DVCTFB000 <b>C:</b> 150 $\mu$ F $I_{\text{ripple}}$ : 4800 mA D x L: 10x12.4 mm	<b>875 075 561 007</b> <b>25 V</b> PSEF124181M025DVCTFB000 <b>C:</b> 180 $\mu$ F $I_{\text{ripple}}$ : 4800 mA D x L: 10x12.4 mm	<b>875 075 561 008</b> <b>25 V</b> PSEF124221M025DVCTFB000 <b>C:</b> 220 $\mu$ F $I_{\text{ripple}}$ : 4800 mA D x L: 10x12.4 mm	<b>875 075 561 009</b> <b>25 V</b> PSEF124271M025DVCTFB000 <b>C:</b> 270 $\mu$ F $I_{\text{ripple}}$ : 4800 mA D x L: 10x12.4 mm
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### TECHNICAL DATA:

Capacitance Tolerance:  $\pm 20\%$   
 Temperature Range:  $-55\text{ }^{\circ}\text{C} / +105\text{ }^{\circ}\text{C}$   
 $I_{\text{ripple}}$ : Max. Values @ 100 kHz / 105 °C  
 Endurance: 2000 h @ 105 °C,  
 max.  $I_{\text{ripple}}$  applied



### DC Voltage Rating

6.3 V
10 V
16 V
20 V
25 V

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