

DESIGN KIT

WCAP-PSHP Aluminum Polymer Capacitor

SMT V-Chip – 2000h @ 105°C



TECHNICAL DATA:

C:	68 – 1200 μ F
U_R :	6.3 – 25 V _{DC}
I_{ripple} :	3100 – 5100 mA
D x L:	8 x 7.7 – 10 x 10.5 mm

Order Code 875 115

Version 1.0

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WCAP-PSHP Aluminum Polymer Capacitor

SMT V-Chip – 2000h @ 105°C



875 115 150 001 6.3 V PSEE077221M6R3DVCTDB000 C: 220 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 150 002 6.3 V PSEE077271M6R3DVCTDB000 C: 270 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 150 003 6.3 V PSEE077331M6R3DVCTDB000 C: 330 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 150 004 6.3 V PSEE077391M6R3DVCTDB000 C: 390 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 150 005 6.3 V PSEE077471M6R3DVCTDB000 C: 470 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 152 006 6.3 V PSEE087561M6R3DVCTEB000 C: 560 μ F I _{ripple} : 4800 mA D x L: 8 x 8.7 mm	875 115 152 007 6.3 V PSEE087681M6R3DVCTEB000 C: 680 μ F I _{ripple} : 4800 mA D x L: 8 x 8.7 mm
875 115 160 008 6.3 V PSEF087821M6R3DVCTEB000 C: 820 μ F I _{ripple} : 3700 mA D x L: 10 x 8.7 mm	875 115 160 009 6.3 V PSEF087102M6R3DVCTEB000 C: 1000 μ F I _{ripple} : 3700 mA D x L: 10 x 8.7 mm	875 115 157 010 6.3 V PSEF105122M6R3DVCTEB000 C: 1200 μ F I _{ripple} : 5100 mA D x L: 10 x 10.5 mm	875 115 250 001 10 V PSEE077331M010DVCTDB000 C: 330 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 250 002 10 V PSEE077391M010DVCTDB000 C: 390 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 260 004 10 V PSEF087471M010DVCTEB000 C: 470 μ F I _{ripple} : 3700 mA D x L: 10 x 8.7 mm	875 115 252 003 10 V PSEE087471M010DVCTEB000 C: 470 μ F I _{ripple} : 4800 mA D x L: 8 x 8.7 mm
875 115 260 005 10 V PSEF087561M010DVCTEB000 C: 560 μ F I _{ripple} : 3700 mA D x L: 10 x 8.7 mm	875 115 260 006 10 V PSEF087681M010DVCTEB000 C: 680 μ F I _{ripple} : 3700 mA D x L: 10 x 8.7 mm	875 115 257 007 10 V PSEF105821M010DVCTEB000 C: 820 μ F I _{ripple} : 5100 mA D x L: 10 x 10.5 mm	875 115 350 001 16 V PSEE077181M016DVCTDB000 C: 180 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 350 002 16 V PSEE077221M016DVCTDB000 C: 220 μ F I _{ripple} : 3500 mA D x L: 8 x 7.7 mm	875 115 360 004 16 V PSEF087331M016DVCTEB000 C: 330 μ F I _{ripple} : 3700 mA D x L: 10 x 8.7 mm	875 115 360 005 16 V PSEF087391M016DVCTEB000 C: 390 μ F I _{ripple} : 3700 mA D x L: 10 x 8.7 mm
875 115 357 006 16 V PSEF105471M016DVCTEB000 C: 470 μ F I _{ripple} : 5100 mA D x L: 10 x 10.5 mm	875 115 452 001 20 V PSEE087680M020DVCTEB000 C: 68 μ F I _{ripple} : 3500 mA D x L: 8 x 8.7 mm	875 115 452 002 20 V PSEE087820M020DVCTEB000 C: 82 μ F I _{ripple} : 3500 mA D x L: 8 x 8.7 mm	875 115 452 003 20 V PSEE087101M020DVCTEB000 C: 100 μ F I _{ripple} : 3500 mA D x L: 8 x 8.7 mm	875 115 460 005 20 V PSEF087151M020DVCTEB000 C: 150 μ F I _{ripple} : 3100 mA D x L: 10 x 8.7 mm	875 115 452 004 20 V PSEE087151M020DVCTEB000 C: 150 μ F I _{ripple} : 3500 mA D x L: 8 x 8.7 mm	875 115 460 006 20 V PSEF087181M020DVCTEB000 C: 180 μ F I _{ripple} : 3100 mA D x L: 10 x 8.7 mm
875 115 460 007 20 V PSEF087221M020DVCTEB000 C: 220 μ F I _{ripple} : 3100 mA D x L: 10 x 8.7 mm	875 115 457 008 20 V PSEF105271M020DVCTEB000 C: 270 μ F I _{ripple} : 3700 mA D x L: 10 x 10.5 mm	875 115 552 001 25 V PSEE087680M025DVCTEB000 C: 68 μ F I _{ripple} : 3500 mA D x L: 8 x 8.7 mm	875 115 552 002 25 V PSEE087820M025DVCTEB000 C: 82 μ F I _{ripple} : 3500 mA D x L: 8 x 8.7 mm	875 115 560 003 25 V PSEF087820M025DVCTEB000 C: 82 μ F I _{ripple} : 3100 mA D x L: 10 x 8.7 mm	875 115 560 004 25 V PSEF087101M025DVCTEB000 C: 100 μ F I _{ripple} : 3100 mA D x L: 10 x 8.7 mm	875 115 557 005 25 V PSEF105151M025DVCTEB000 C: 150 μ F I _{ripple} : 3700 mA D x L: 10 x 10.5 mm

TECHNICAL DATA:

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



DC Voltage Rating

6.3 V
10 V
16 V
20 V
25 V

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