

DESIGN KIT

WCAP-PSHP Aluminum Polymer Capacitors

SMT V-Chip – 2000h @ 105°C



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

TECHNICAL DATA:

Capacitance Tolerance: ±20 %

Temperature Range: -55°C / +105°C

I_{ripple}: Max. Values @ 100kHz / 105°

Endurance: 2000h @ 105°C,
V_a applied



DC Voltage Rating

6.3 V
10 V
16 V
20 V
25 V

PASSIVE COMPONENTS | OPTOELECTRONIC COMPONENTS | POWER MODULES | ELECTROMECHANICAL COMPONENTS | WIRELESS CONNECTIVITY & SENSORS | AUTOMOTIVE | CUSTOM MAGNETICS | CUSTOM CONNECTOR

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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