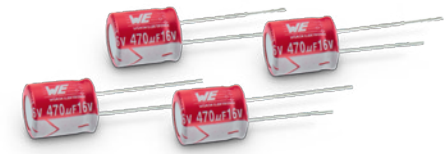


DESIGN KIT

WCAP-PTHT Aluminum Polymer Capacitors

Radial THT – 2000h @ 125°C



870 135 174 003 6.3 V	870 135 174 004 6.3 V	870 135 174 005 6.3 V	870 135 174 006 6.3 V	870 135 175 007 6.3 V
PTKE080561M6R3DSPA7B000	PTKE080681M6R3DSPA7B000	PTKE115821M6R3DSPA7B000	PTKE115102M6R3DSPA7B000	PTKF125122M6R3DSPA9B000
C: 560 μ F	C: 680 μ F	C: 820 μ F	C: 1000 μ F	C: 1200 μ F
I_{ripple} : 1929 mA	I_{ripple} : 1929 mA	I_{ripple} : 1929 mA	I_{ripple} : 1929 mA	I_{ripple} : 2100 mA
D x L / Pitch: 8 x 8 / 3.5 mm	D x L / Pitch: 8 x 8 / 3.5 mm	D x L / Pitch: 8 x 11.5 / 3.5 mm	D x L / Pitch: 8 x 11.5 / 3.5 mm	D x L / Pitch: 10 x 12.5 / 5 mm
870 135 175 008 6.3 V	870 135 175 009 6.3 V	870 135 373 001 16 V	870 135 374 002 16 V	870 135 374 003 16 V
PTKF125152M6R3DSPA9B000	PTKF125202M6R3DSPA9B000	PTKD110101M016DSPA4B000	PTKE115181M016DSPA7B000	PTKE115221M016DSPA7B000
C: 1500 μ F	C: 2000 μ F	C: 100 μ F	C: 180 μ F	C: 220 μ F
I_{ripple} : 2100 mA	I_{ripple} : 2100 mA	I_{ripple} : 1518 mA	I_{ripple} : 1771 mA	I_{ripple} : 1771 mA
D x L / Pitch: 10 x 12.5 / 5 mm	D x L / Pitch: 10 x 12.5 / 5 mm	D x L / Pitch: 6.3 x 11 / 2.5 mm	D x L / Pitch: 8 x 11.5 / 3.5 mm	D x L / Pitch: 8 x 11.5 / 3.5 mm
870 135 374 004 16 V	870 135 374 005 16 V	870 135 375 006 16 V	870 135 375 007 16 V	870 135 375 008 16 V
PTKE115271M016DSPA7B000	PTKE115331M016DSPA7B000	PTKF125391M016DSPA9B000	PTKF125471M016DSPA9B000	PTKF125561M016DSPA9B000
C: 270 μ F	C: 330 μ F	C: 390 μ F	C: 470 μ F	C: 560 μ F
I_{ripple} : 1771 mA	I_{ripple} : 1771 mA	I_{ripple} : 1929 mA	I_{ripple} : 1929 mA	I_{ripple} : 1929 mA
D x L / Pitch: 8 x 11.5 / 3.5 mm	D x L / Pitch: 8 x 11.5 / 3.5 mm	D x L / Pitch: 10 x 12.5 / 5 mm	D x L / Pitch: 10 x 12.5 / 5 mm	D x L / Pitch: 10 x 12.5 / 5 mm

TECHNICAL DATA:

Capacitance Tolerance: $\pm 20\%$
Temperature Range: $-55^{\circ}\text{C} / +125^{\circ}\text{C}$
 I_{ripple} : Max. Values @ 100kHz / 125°C
Endurance: 2000h @ 125°C ,
max. I_{ripple} applied



DC Voltage Rating

6.3 V
16 V

EMC COMPONENTS | INDUCTORS | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | LEDs | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS | **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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