



DESIGN KIT

WCAP-PTHT Aluminum Polymer Capacitors

Radial THT – 2000h @ 125°C



TECHNICAL DATA:

C:	100 – 2000 µF
U_R :	6.3 – 16 V _{DC}
I_{ripple} :	1518 – 2100 mA
D x L:	6.3 x 11 – 10 x 12.5 mm
Pitch:	2.5 – 5 mm

Order Code 870 135

Version 1.0

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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 µF	C: 680 µF	C: 820 µF	C: 1000 µF	C: 1200 µF
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 µF	C: 2000 µF	C: 100 µF	C: 180 µF	C: 220 µF
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 µF	C: 330 µF	C: 390 µF	C: 470 µF	C: 560 µF
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**

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