



DESIGN KIT

WCAP-PT5H Aluminum Polymer Capacitors

Radial THT – 5000 h @ 105 °C



TECHNICAL DATA:

C:	100 – 2000 µF
U_R :	6.3 – 16 V _{DC}
I_{ripple} :	4800 – 6640 mA
D x L:	6.3 x 11 – 10 x 12.5 mm
Pitch:	2.5 – 5 mm

Order Code 870 235

Version 1.0

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WCAP-PT5H Aluminum Polymer Capacitors

Radial THT – 5000 h @ 105 °C



870 235 174 004 6.3 V	870 235 174 005 6.3 V	870 235 175 006 6.3 V	870 235 175 007 6.3 V	870 235 175 008 6.3 V
PTEE115681M6R3DSPA7E000	PTEE115821M6R3DSPA7E000	PTEF125102M6R3DSPA9E000	PTEF125122M6R3DSPA9E000	PTEF125152M6R3DSPA9E000
C: 680 µF	C: 820 µF	C: 1000 µF	C: 1200 µF	C: 1500 µF
I_{ripple} : 6100 mA	I_{ripple} : 6100 mA	I_{ripple} : 6640 mA	I_{ripple} : 6640 mA	I_{ripple} : 6640 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
870 235 175 009 6.3 V	870 235 373 001 16 V	870 235 373 002 16 V	870 235 374 003 16 V	870 235 374 004 16 V
PTEF125202M6R3DSPA9E000	PTED110101M016DSPA4E000	PTED110181M016DSPA4E000	PTEE080181M016DSPA7E000	PTEE080221M016DSPA7E000
C: 2000 µF	C: 100 µF	C: 180 µF	C: 180 µF	C: 220 µF
I_{ripple} : 6640 mA	I_{ripple} : 4800 mA	I_{ripple} : 5600 mA	I_{ripple} : 5100 mA	I_{ripple} : 5100 mA
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: 6.3 x 11 / 2.5 mm	D x L / Pitch: 8 x 8 / 3.5 mm	D x L / Pitch: 8 x 8 / 3.5 mm
870 235 374 005 16 V	870 235 374 006 16 V	870 235 375 007 16 V	870 235 375 008 16 V	870 235 375 009 16 V
PTEE080271M016DSPA7E000	PTEE115331M016DSPA7E000	PTEF125391M016DSPA9E000	PTEF125471M016DSPA9E000	PTEF125561M016DSPA9E000
C: 270 µF	C: 330 µF	C: 390 µF	C: 470 µF	C: 560 µF
I_{ripple} : 5100 mA	I_{ripple} : 5600 mA	I_{ripple} : 6100 mA	I_{ripple} : 6100 mA	I_{ripple} : 6100 mA
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: 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: $-55^{\circ}\text{C} / +105^{\circ}\text{C}$
 I_{ripple} : Max. Values @ 100kHz / 105°C
 Endurance: 5000h @ 105°C ,
 max. I_{ripple} applied



DC Voltage Rating

6.3 V
16 V

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Please check datasheets on www.we-online.com for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2016

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