



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

DESIGN KIT

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

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.

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

www.we-online.com

**All products
ex stock!**