



DESIGN KIT

WCAP-PTHR Aluminum Polymer Capacitors

Radial THT – 2000h @ 105°C



TECHNICAL DATA:

C:	10 – 150 μF
U_R :	35 – 63 V_{DC}
I_{ripple} :	1400 – 3700 mA
D x L:	6.3 x 8 – 10 x 12.5 mm
Pitch:	2.5 – 5 mm

Order Code 870 055

Version 1.0

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WCAP-PTHR Aluminum Polymer Capacitors

Radial THT – 2000h @ 105°C



870 055 673 001 35 V	870 055 673 002 35 V	870 055 674 003 35 V	870 055 674 005 35 V	870 055 674 007 35 V
PTED080100M035DSPA4B000	PTED080220M035DSPA4B000	PTEE080330M035DSPA7B000	PTEE115470M035DSPA7B000	PTEE115680M035DSPA7B000
C: 10 µF	C: 22 µF	C: 33 µF	C: 47 µF	C: 68 µF
I_{ripple} : 2100 mA	I_{ripple} : 2100 mA	I_{ripple} : 2500 mA	I_{ripple} : 2890 mA	I_{ripple} : 2890 mA
D x L / Pitch: 6.3 x 8 / 2.5 mm	D x L / Pitch: 6.3 x 8 / 2.5 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
870 055 675 008 35 V	870 055 675 009 35 V	870 055 675 010 35 V	870 055 775 007 50 V	870 055 874 001 63 V
PTEF125820M035DSPA9B000	PTEF125101M035DSPA9B000	PTEF125151M035DSPA9B000	PTEF125680M050DSPA9B000	PTEE115100M063DSPA7B000
C: 82 µF	C: 100 µF	C: 150 µF	C: 68 µF	C: 10 µF
I_{ripple} : 3700 mA	I_{ripple} : 3700 mA	I_{ripple} : 3700 mA	I_{ripple} : 2000 mA	I_{ripple} : 1400 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: 10 x 12.5 / 5 mm	D x L / Pitch: 10 x 12.5 / 5 mm	D x L / Pitch: 8 x 11.5 / 3.5 mm
870 055 874 002 63 V	870 055 875 003 63 V	870 055 875 004 63 V	870 055 875 005 63 V	870 055 875 006 63 V
PTEE115220M063DSPA7B000	PTEF125330M063DSPA9B000	PTEF125390M063DSPA9B000	PTEF125470M063DSPA9B000	PTEF125560M063DSPA9B000
C: 22 µF	C: 33 µF	C: 39 µF	C: 47 µF	C: 56 µF
I_{ripple} : 1400 mA	I_{ripple} : 1600 mA	I_{ripple} : 1600 mA	I_{ripple} : 1600 mA	I_{ripple} : 1600 mA
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	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: 2000h @ 105°C ,
 max. I_{ripple} applied



DC Voltage Rating

35 V
50 V
63 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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