



DESIGN KIT

WCAP-PTG5 Aluminum Polymer Capacitors

Radial THT - 2000h @ 105°C



TECHNICAL DATA:

C:	39 – 2000 µF
U_R :	6.3 – 25 V _{DC}
I_{ripple} :	4500 - 5900 mA
D x L:	8 x 8 – 10 x 12.5 mm
Pitch:	3.5 – 5 mm

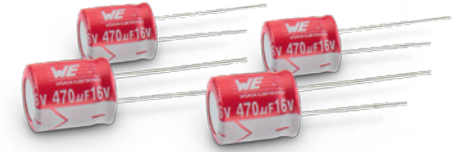
Order Code 870 025

Version 1.0

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WCAP-PTG5 Aluminum Polymer Capacitors

Radial THT - 2000h @ 105°C



870 025 174 001 6.3 V PTEE080181M6R3DSPA7B000 C: 180 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 174 002 6.3 V PTEE080221M6R3DSPA7B000 C: 220 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 174 003 6.3 V PTEE080271M6R3DSPA7B000 C: 270 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 174 004 6.3 V PTEE080331M6R3DSPA7B000 C: 330 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 174 005 6.3 V PTEE080391M6R3DSPA7B000 C: 390 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 174 006 6.3 V PTEE080471M6R3DSPA7B000 C: 470 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 174 007 6.3 V PTEE080561M6R3DSPA7B000 C: 560 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	
870 025 174 008 6.3 V PTEE080681M6R3DSPA7B000 C: 680 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 174 009 6.3 V PTEE080821M6R3DSPA7B000 C: 820 µF I _{ripple} : 5100 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 175 010 6.3 V PTEF125102M6R3DSPA9B000 C: 1000 µF I _{ripple} : 5900 mA D x L / Pitch: 10 x 12.5 / 5 mm	870 025 174 011 6.3 V PTEE115122M6R3DSPA7B000 C: 1200 µF I _{ripple} : 5500 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	870 025 175 012 6.3 V PTEF125152M6R3DSPA9B000 C: 1500 µF I _{ripple} : 5900 mA D x L / Pitch: 10 x 12.5 / 5 mm	870 025 175 013 6.3 V PTEF125202M6R3DSPA9B000 C: 2000 µF I _{ripple} : 5900 mA D x L / Pitch: 10 x 12.5 / 5 mm	870 025 374 001 16 V PTEE115101M016DSPA7B000 C: 100 µF I _{ripple} : 4800 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	
870 025 374 002 16 V PTEE080181M016DSPA7B000 C: 180 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 374 003 16 V PTEE080221M016DSPA7B000 C: 220 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 374 004 16 V PTEE080271M016DSPA7B000 C: 270 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 374 005 16 V PTEE080331M016DSPA7B000 C: 330 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 374 006 16 V PTEE115391M016DSPA7B000 C: 390 µF I _{ripple} : 5000 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	870 025 374 007 16 V PTEE115471M016DSPA7B000 C: 470 µF I _{ripple} : 5000 mA D x L / Pitch: 8 x 11.5 / 3.5 mm	870 025 375 008 16 V PTEF125561M016DSPA9B000 C: 560 µF I _{ripple} : 5500 mA D x L / Pitch: 10 x 12.5 / 5 mm	
870 025 375 009 16 V PTEF125681M016DSPA9B000 C: 680 µF I _{ripple} : 5500 mA D x L / Pitch: 10 x 12.5 / 5 mm	870 025 375 010 16 V PTEF125821M016DSPA9B000 C: 820 µF I _{ripple} : 5500 mA D x L / Pitch: 10 x 12.5 / 5 mm	870 025 574 001 25 V PTEE080390M025DSPA7B000 C: 39 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 574 002 25 V PTEE080470M025DSPA7B000 C: 47 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 574 003 25 V PTEE080680M025DSPA7B000 C: 68 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 574 004 25 V PTEE080820M025DSPA7B000 C: 82 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	870 025 574 005 25 V PTEE080101M025DSPA7B000 C: 100 µF I _{ripple} : 4500 mA D x L / Pitch: 8 x 8 / 3.5 mm	
870 025 575 006 25 V PTEF125181M025DSPA9B000 C: 180 µF I _{ripple} : 4900 mA D x L / Pitch: 10 x 12.5 / 5 mm	870 025 575 007 25 V PTEF125221M025DSPA9B000 C: 220 µF I _{ripple} : 4900 mA D x L / Pitch: 10 x 12.5 / 5 mm	870 025 575 008 25 V PTEF125271M025DSPA9B000 C: 270 µF I _{ripple} : 4900 mA D x L / Pitch: 10 x 12.5 / 5 mm	870 025 575 009 25 V PTEF125331M025DSPA9B000 C: 330 µF I _{ripple} : 4900 mA D x L / Pitch: 10 x 12.5 / 5 mm				

TECHNICAL DATA:

Capacitance Tolerance: ±20 %
 Temperature Range: -55 °C / +105 °C
 I_{ripple}: Max. Values @ 100 kHz / 105 °C
 Endurance: 2000 h @ 105 °C,
 max. I_{ripple} applied



DC Voltage Rating

6.3 V
16 V
25 V

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

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