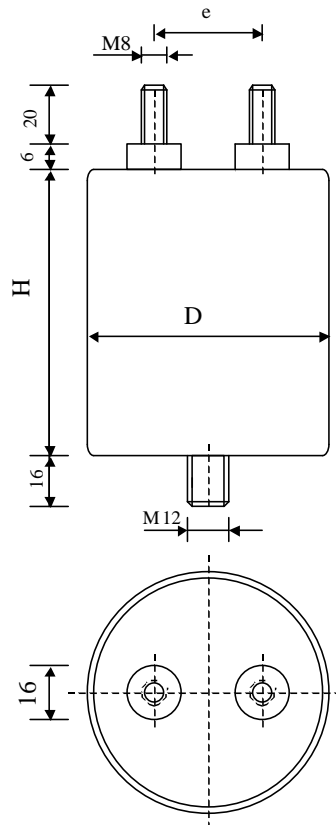


#6017

METALLIZED POLYPROPYLENE CAPACITORS

PPM 80-600.0 cv5 K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	600	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	$U_n \text{ DC}$	800	VDC	
RMS Current permanent	$I_{\text{eff max.}}$	68	A <sub>eff</sub>	10 kHz
Repetitive surge current	$I \text{ cr. max}$	1800	A	
Tangent delta	$\text{tg} \delta$	$\leq 100$	$10^{-4}$	1 V / 1 kHz
Equivalent serie resistance	ESR	$< 2.2$	$\text{m}\Omega$	1 V / 10 kHz
Stray inductance	ESL	$\leq 80$	nH	
Insulation resistance	$R_i \times C$	$\geq 30'000$	s	300 VDC - 1 min
Thermal resistance	$R_{\text{th}}$	3.3	$^{\circ}\text{C/W}$	hot spot - ambience
Test voltage between terminals	$U_{T1}$	1200	VDC	10 s
Test voltage terminals to case	$U_{T2}$	2500	VAC	50 Hz / 1 min
Climatic category		27/85/56		
Estimated operational life (-5 %)		$> 90'000$	h	$U_n \text{ DC} / 70^{\circ}\text{C}$
Dimension	Symbol		Unit	Conditions
Diameter	D	90	mm	
Height	H	$145 \pm 2$	mm	
Terminals				
Thread		M8 x 20	mm	
Thread spacing	e	$45 \pm 1$	mm	
Fixing stud		M12 x 16	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon, Switzerland  
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**Leclanché**  
**Capacitors**  
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HJJ

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