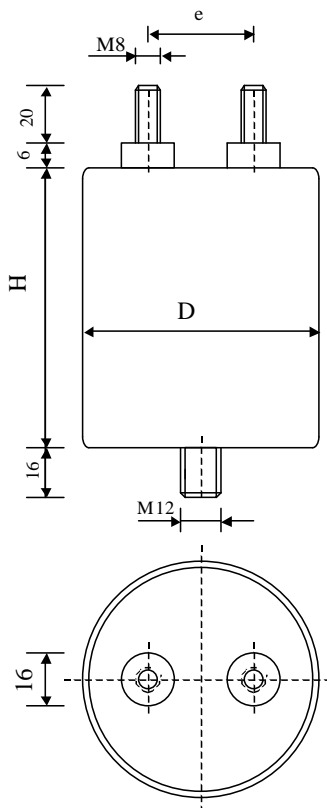


#5968

METALLIZED POLYPROPYLENE CAPACITORS

PPM 80-800.0 cv5 K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	800	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	$U_n \text{ DC}$	800	VDC	
Surge voltage	$U_s$	1000	V cr.	
RMS Current permanent	$I_{\text{eff max.}}$	45	A <sub>eff</sub>	
Repetitive surge current	$I_{\text{cr. max}}$	1800	A	
Tangent delta	$\text{tg}\delta$	$\leq 185$	$1\text{C}^4$	1 V / 1 kHz
Equivalent serie resistance	ESR	25°C to 70°C	$< 4.8$	$\text{m}\Omega$ / 1 V / 10 kHz
Stray inductance	ESL		$\leq 80$	nH
Insulation resistance	$R_i \times C$		$\geq 30'000$	s / 300 VDC - 1 min
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		27/70/56		
Estimated operational life (-5 %)		$> 100'000$	h	$U_n \text{ DC} / 65^\circ\text{C}$
Dimension	Symbol	Value	Unit	Conditions
Diameter	D	90	mm	
Height	H	$170 \pm 2$	mm	
Terminals				
Thread		M8 x 20	mm	
Thread spacing	e	$45 \pm 1$	mm	
Fixing stud		M12 x 16	mm	
Mass approx.	m		kg	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon, Switzerland  
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**Leclanché**  
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A FISCHER & TOLDSCH COMPANY

HJJ

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