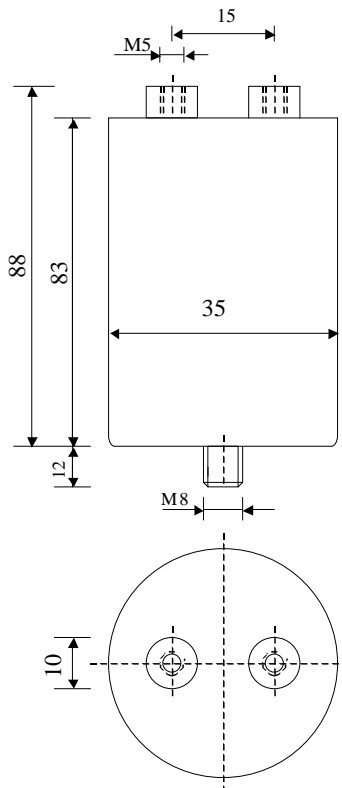


#4252

Discharge Capacitors

PPMF 200-2.0 cv6 K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		2	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		2000	VDC	
Rated voltage	Un AC		660	Veff	50 Hz to 1 kHz
RMS Current	I _{eff}		13	Aeff	$f \geq 10000$ Hz
slope of voltage variation	du/dt max.		130	V/ μsec	max. repetitive
Repetitive surge current	I cr. max		260	A	
Tangent delta	tg δ		3	10^{-4}	1 V / 1 kHz
Equivalent serie resistance	ESR		≤ 10	m Ω	10 kHz
Stray inductance	ESL		≤ 150	nH	
Insulation resistance between terminals	Ri		$>10'000$	M Ω	500 VDC - 1 min
Test voltage between terminals	U T1		3000	VDC	10 s
Test voltage terminals to case	U T2		3000	VAC	50 Hz / 1 min
Operating temp.			- 25 / + 70 °C		
Estimated operational life (-3%)			10×10^6	Pulses	2000 V / 260 A

Dimension	Symbol		Value	Unit	Conditions
Diameter	$\varnothing D$		35	mm	
Height	H		83	mm	
Terminals					
Thread			M5 x 10	mm	
Thread spacing	e		15	mm	
Fixing stud			M8 x 12	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains
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Le Janché
Capacitors
A FISCHER & TAUERCHER COMPANY

HJJ

17.10.2007

PPMF4252.xls