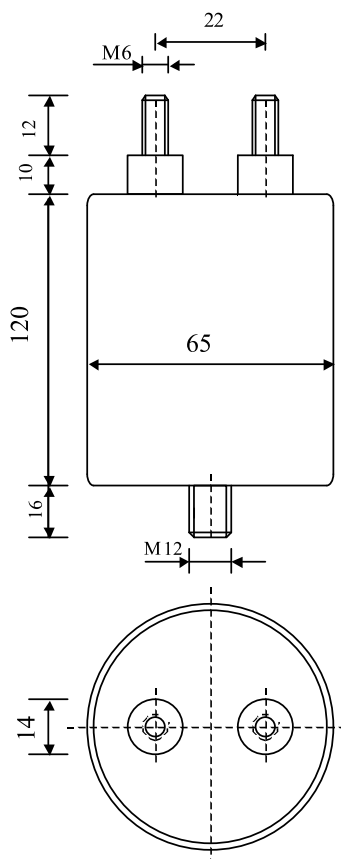


#5774

Discharge CAPACITORS

PPMF 100-50.0 cv5 J



Preliminary  
data sheet

Dielectric of metallized  
polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	50	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 5$	%	
Rated voltage	Un DC	1000	VDC	
RMS Current permanent	I <sub>eff max.</sub>	35	A <sub>eff</sub>	2 kHz to 10 kHz
Repetitive surge current	I <sub>cr. max.</sub>	700	A	
Equivalent serie resistance	ESR	4.5	m $\Omega$	1 V / 10 kHz
Stray inductance	ESL	$\leq 80$	nH	
Insulation resistance	R <sub>i</sub> x C	$\geq 30'000$	s	300 VDC - 1 min
Test voltage between terminals	U T1	1600	VDC	10 s
Test voltage terminals to case	U T2	2500	VAC	50 Hz / 1 min
Operating temperature		-10 / + 50	$^{\circ}\text{C}$	
Estimated operational life (-5 %)		$> 5 \times 10^9$	Discharges	1000 V / 700 A

Dimension	Symbol	Value	Unit	Conditions
Diameter	D	65	mm	
Height	H	120	mm	
Terminals				
Thread		M6 x 12	mm	
Thread spacing	e	22	mm	
Fixing stud		M12 x 16	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains  
Kondensatoren Tel.: ++41 24 447 22 82  
Capacitors Fax: ++41 24 447 22 85

**Le lanché**  
**Capacitors**  
AFFISCHER & FANSCHE COMPANY

HJJ

02.12.2008

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