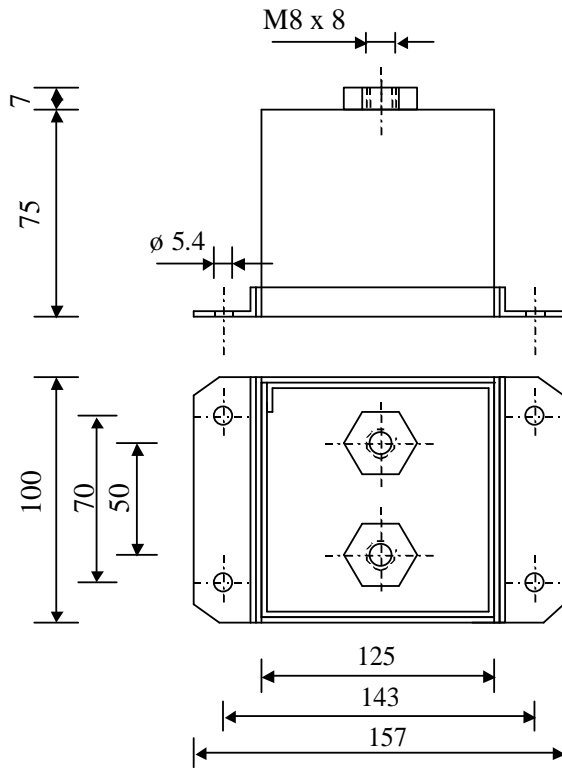


#5714

## Discharge Capacitors

PPMF 105-50.0 r



Preliminary  
Data Sheet

Dielectric of metallized  
polypropylene

Threaded outputs

Resin end sealing

Aluminium case  
thick 1.2 mm

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	50	$\mu\text{F}$	1 V / 1 kHz
Tolerance		+ 10 / - 0	%	
Rated voltage	Un DC	1'050	VDC	
Maximum voltage	Us max.	1'500	V	
Rated voltage	Un AC	360	Veff	50 Hz
RMS Current	I RMS max	20	Aeff	10 kHz
slope of voltage variation	du/dt max.	80	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max	4000	A	
Tangent delta	tg $\delta$	22	1C <sup>4</sup>	1 V / 1 kHz
Equivalent serie resistance	ESR	$\leq 7$	m $\Omega$	10 kHz
Stray inductance	ESL	$\leq 150$	nH	
Insulation resistance	Ri x C	> 20'000	s	500 VDC - 1 min
Test voltage between terminals	U T1	4'500	VDC	10 s
Test voltage between terminals to case	U T2	3'500	VAC	50 Hz - 1 min
Operating temp.		- 25 / + 70 °C		
Estimated operational life (-3%)		> 20'000	Pulses	1500 V / 4000 A
Maximum repetition rate	Fr. max	30	Hz	limited for the I RMS

Dimension	Symbol	Value	Unit	Conditions
Width	B	100	mm	
Length	L	125	mm	
Height	H	75	mm	
Thread		M8 x 8	mm	
Thread spacing		50	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs  
Kondensatoren  
Capacitors

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**Le lanché**  
Capacitors  
A FISCHER & TANGHEE COMPANY

HJJ

09.04.2008

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