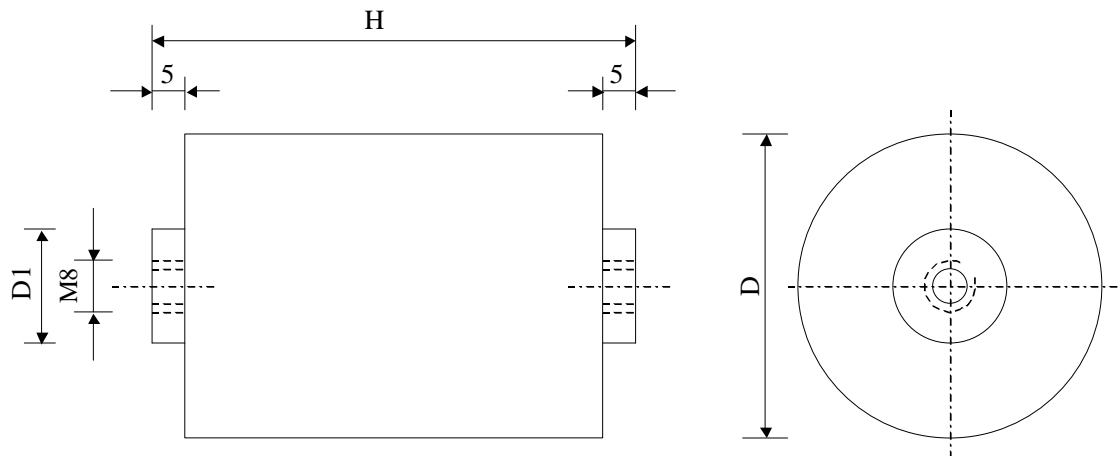


#5580

Protection capacitors

PPM 300-10.0 uv J



Dielectric of metallized polypropylene - Plastic tube

Polyurethane resin end sealing - Threaded outputs

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	10	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 5$	%	
Rated voltage	Un DC	3000	VDC	
Peak voltage	U peak	4000	V	
Surge voltage	U s	4600	V	
Rated voltage	Un RMS	1400	Veff	
RMS Current max	Ieff	80	A	
Impulse current	I $\Delta$ t	300	A $^2$ s	non. repetitive
Tangente delta dielectric	tg $\delta$ $\omega$	2	$10^{-4}$	1 to 100 kHz
Series resistance	RS	$\leq 2.3$	m $\Omega$	
Stray inductance	ESL	30	nH	
Thermal resistance	Rth	1.4	$^{\circ}\text{C}/\text{W}$	Hot spot - terminals
Insulation resistance	Ri x C	$> 30'000$	s	500 VDC - 1 min
Test voltage between terminals	U T1	4600	VDC	10 s
Test voltage terminals to case	U T2	4000	VAC	50 Hz / 1 min
Climatic category (IEC68)		40/85/56		
Estimated operational life (-3%)		200'000	h	Un DC - 70 $^{\circ}\text{C}$

Dimension	Symbol	Value	Unit	Conditions
Diameter	$\varnothing D$	92	mm	
Height	H	200 $\pm 1$	mm	
Terminals				
Thread		M8 x 8	mm	
	D1	22	mm	
	M1			
	M0			
Modification	Date	Visa émetteur		

Condensateurs CH 1401 Yverdon-les-Bains  
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**Le Janché**  
**Capacitors**  
A FISCHER & TAUSSCH COMPANY

HJJ

28.06.2006

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