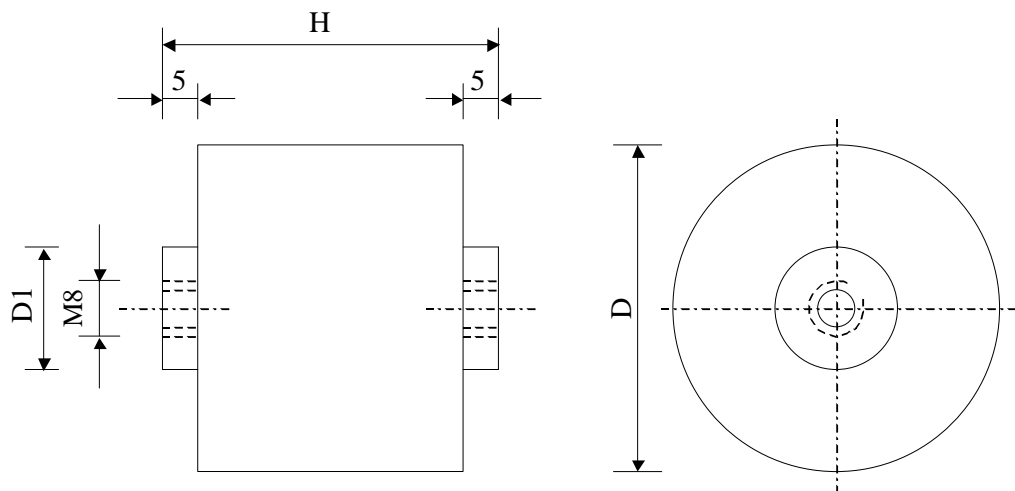


#5578

Protection capacitors

PPM 300-2.0 uv J



Dielectric of metallized polypropylene - Plastic tube

Polyurethane resin end sealing - Threaded outputs

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	2	μF	1 V / 1 kHz
Tolerance		± 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	I _{eff}	70	A	
Impulse current	I _t	57	A ² s	non. repetitive
Tangente delta dielectric	tg δ_o	2	10^{-4}	1 to 100 kHz
Series resistance	RS	≤ 1.3	m Ω	
Stray inductance	ESL	15	nH	
Thermal resistance	R _{th}	2.8	$^{\circ}\text{C}/\text{W}$	Hot spot - terminals
Insulation resistance	R _i 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	80 \pm 0.5	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 Jancché
Capacitors
A FISCHER & TAUSSCH COMPANY

HJJ

27.06.2006

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