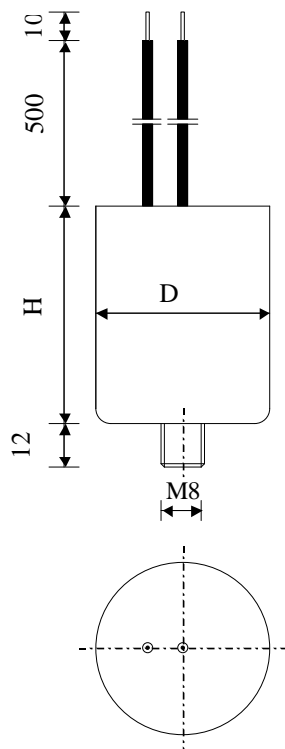


#5877

METALLIZED POLYPROPYLENE CAPACITORS

PPM 100-050 cv3 K

Dielectric of metallized  
polypropylene

Polyurethane resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	0.5	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	1000	VDC	
Rated voltage	Un AC	480	VAC	50Hz to 400 Hz
RMS Current	I <sub>eff max.</sub>	6.5	A <sub>eff</sub>	10 kHz
slope of voltage variation	du/dt max.	400	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max	200	A	
Tangent delta	tg $\delta$	$\leq 4$	$10^{-4}$	1 V / 1 kHz
Tangent delta	tg $\delta$	$\leq 9$	$10^{-4}$	1 V / 10 kHz
Stray inductance	ESL	$\leq 700$	nH	
Insulation resistance	Ri	$> 40'000$	M $\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1	1800	VDC	10 s
Test voltage terminals to case	U T2	2500	VAC	50 Hz / 1 min
Climatic category		40/85/56		
Estimated operational life (-3%)		100'000	h	Un DC / 70°C

Dimension	Symbol	Value	Unit	Conditions
Diameter	D	35	mm	
Height	H	60	mm	
Terminals				
Cable	l	500	mm	
section	s	1.23	mm <sup>2</sup>	
fixing stud		M8 x 12	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains  
 Kondensatoren Tel.: ++41 24 445 66 88  
 Capacitors Fax: ++41 24 445 66 89

**Le Janché**  
**Capacitors**  
A FISCHER & WASSER COMPANY

HJJ

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