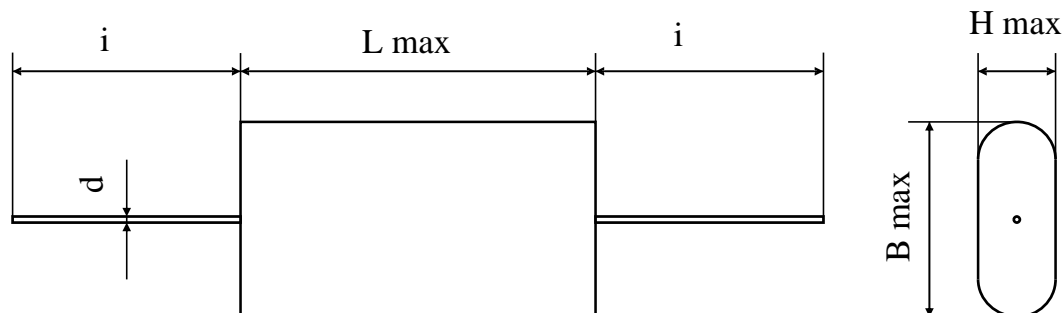


#6306

Power Electronics Capacitors

PPM 100-10.0 df K



Dielectric of metallized polypropylene  
 Polyester wrapped UL-510  
 Epoxy resin sealing

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	10.0	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	1000	VDC	85°C
Rated voltage	Un AC	120	Veff	50-200 Hz
slope of voltage variation	du/dt max.	22	V/ $\mu\text{sec}$	max. repetitive
RMS current permanent	I RMS max.	9.2	Aeff	50 - 120 kHz / 70°C
Tangent delta	tg $\delta$	< 7.0	10 <sup>-4</sup>	1 V / 1 kHz
Equivalent serie resistance	ESR	< 9.0	m $\Omega$	1 V / 100 kHz
Stray inductance	ESL	$\leq 20$	nH	
Insulation resistance	Ri	>100000	M $\Omega$	500 VDC - 1 min
Test voltage between terminals	U T1	1500	VDC	10 s
Operating temp.		-55 / + 105 °C		
Estimated operational life (-3%)		100000	h	1000 V / 70°C
Dimension	Symbol	Value	Unit	Conditions
Width	B max	35.7	mm	
Height	H max	20	mm	
Length	L max	45	mm	
Terminals				
Axial tinned wire	d	$\varnothing 1.2$	mm	
	i	> 41	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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**Leclanché**  
**Capacitors**  
A FRISCHER & TAMSCHER COMPANY

HJJ

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