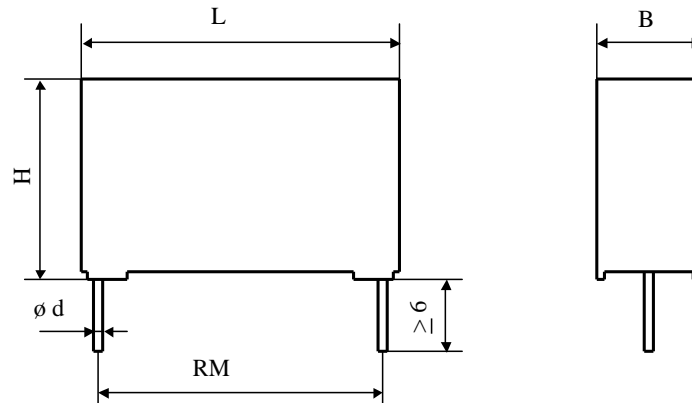


#5945

METALLIZED POLYPROPYLENE CAPACITORS

PPM 45-5.0 g K



Dielectric of metallized polypropylene

Self-extinguishing plastic housing / Epoxy resin sealing UL-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		5	$\mu\text{F}$	1 V / 1 kHz
Tolerance			$\pm 10$	%	
Rated voltage	Un DC		450	VDC	85 °C
RMS current	I RMS max.	70°C	5	Aeff	10 kHz to 20 kHz
slope of voltage variation	du/dt max.		30	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max		150	A	
Tangent delta	tg $\delta$		7	$10^{-4}$	1 V / 1 kHz
Equivalent serie resistance	ESR		< 13	m $\Omega$	10 kHz
Stray inductance	ESL		$\leq 25$	nH	
Insulation resistance	Ri		> 6'000	M $\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1		675	VDC	10 s
Test voltage terminals to case	U T2		2200	VAC	50 Hz / 10 s
Operating temperature			- 40 ... + 85°C	°C	
Estimated operational life (-3%)			> 100'000	h	Un DC / 70°C
Dimension	Symbol			Unit	Conditions
Width	B max		11.5	mm	
Height	H max		20.5	mm	
Length	L max		31.5	mm	
Terminals					
Axial tinned wire	d		$\phi 0.8$	mm	
	RM		$27.5 \pm 0.4$	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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**Leclanché**  
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