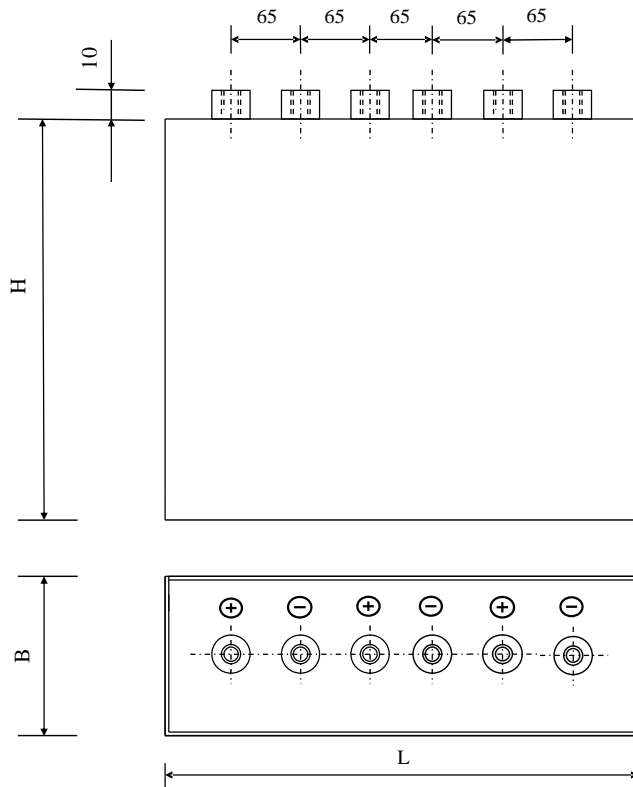


#6277

Metallized polypropylene capacitors

PPM 55-24500.0 r K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Stainless steel case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	24500	μF	1 V / 100 Hz
Tolerance		± 10	%	
Rated voltage	Un DC	550	VDC	
Non-recurrent surge voltage	Us	1'000	V	
Ripple voltage	Ur	100	V	Peak to peak
current	I cr. max	50	kA	
Surge current	I cr. max	250	kA	
Reated current	I RMS	250	A	
Equivalent serie resistance	ESR	≤ 0.3	$\text{m}\Omega$	1 kHz
Stray inductance	ESL	≤ 50	nH	
Insulation resistance	Ri x C	$> 10'000$	s	500 VDC - 1 min
Thermal resistance (hs-a)	Rth	0.47	$^{\circ}\text{C}/\text{W}$	
Test voltage between terminals	U T1	1'000	VDC	10 s
Test voltage between terminals to case	U T2	3'000	VAC	50 Hz - 1 min
Operating temp.		- 20 / + 70 $^{\circ}\text{C}$		
Estimated operational life (-5 %)		100'000	h	550 V / 250 A RMS

Dimension	Symbol	Value	Unit	Conditions
Width		137	mm	
Length		450	mm	
Height		550	mm	
Thread (6 x)		M8 x 8	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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Leclanché
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