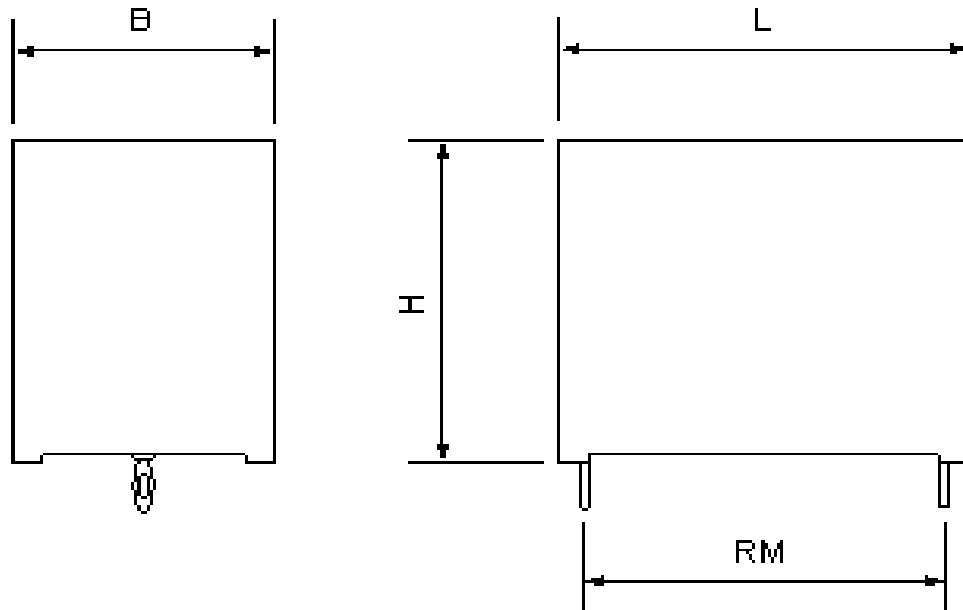


#6098

POWER CAPACITORS

PPM 80-12.0 gpf K



Dielectric of metallized polypropylene

Self-extinguishing plastic housing / Epoxy resin sealing

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	12	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	$U_n \text{ DC}$	800	VDC	
RMS Current	$I_{\text{eff max}}$	6.5	A _{eff}	10 kHz
slope of voltage variation	$du/dt \text{ max.}$	40	V/ μsec	max. repetitive
Repetitive surge current	$I \text{ cr. max}$	480	A	
Tangent delta	$\text{tg}\delta$	< 9	10^{-4}	1 V / 1 kHz
Equivalent serie resistance	ESR	≤ 9.0	m Ω	10 kHz
Stray inductance	ESL	≤ 25	nH	
Insulation resistance	$R_i \times C$	30'000	s	100 VDC - 1 min
Test voltage between terminals	U T1	1200	VDC	10 s
Operating temperature		- 40 ... + 85°C	°C	
Estimated operational life (-3%)		100'000	h	$U_n \text{ DC} / 70^\circ\text{C}$
Dimension	Symbol	Value	Unit	Conditions
Width	B	22.5	mm	
Height	H	37.5	mm	
Length	L	32	mm	
Terminals		1.6 x 4.25 (0.8 thick)	mm	
Press-fit			mm	
	RM	27.5 \pm 0.5	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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Leclanché
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