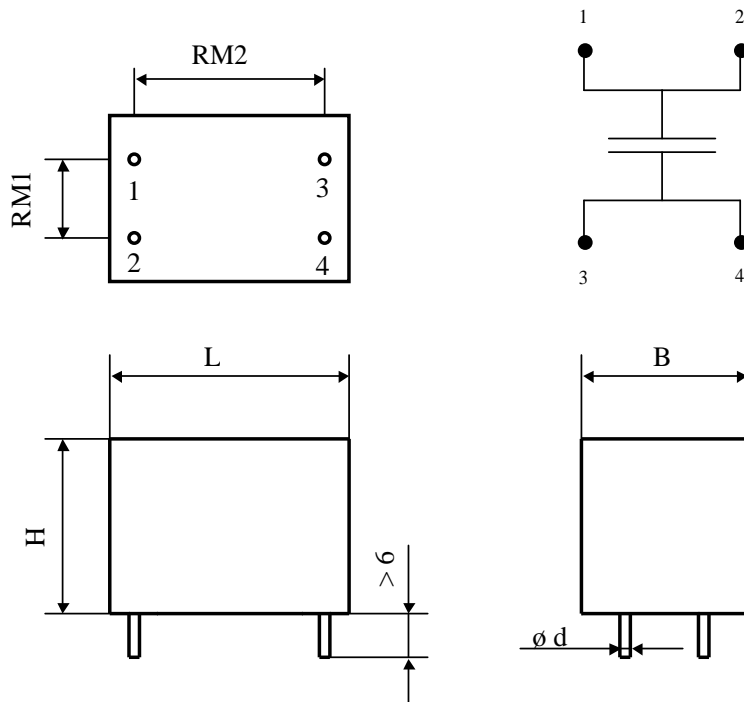


#6191

METALLIZED POLYPROPYLENE CAPACITORS

PPM-4 42-100.0 g K



Printed circuit board mounting

Self-extinguishing plastic housing

Epoxy resin sealing

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		100	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	$U_n \text{ DC}$		420	VDC	
Transient voltage	t_v		530	V	100 ms
RMS current	$I_{\text{RMS max.}}$	70°C	20	A_{eff}	10 kHz
Short time operation		95 °C	10	A RMS	20 kHz
slope of voltage variation	$du/dt \text{ max.}$		8	V/ μsec	max. repetitive
Repetitive surge current	$I_{\text{cr. max}}$		800	A	
Tangent delta	$\text{tg}\delta$		< 32	E-4	1 V / 1 kHz
Equivalent serie resistance	ESR		< 5.0	$\text{m}\Omega$	10 kHz
Stray inductance	ESL		≤ 15	nH	
Insulation resistance	R_i		> 200	$\text{M}\Omega$	100 VDC - 1 min
Test voltage between terminals	U_{T1}		630	VDC	10 s
Operating temperature			- 40 ... + 95°C	°C	
Short time storage temperature			- 40 ... + 105°C	°C	
Estimated operational life (-3%)			$> 100'000$	h	420 V / 70°C
Dimension	Symbol			Unit	Conditions
Width	B		35 ± 1	mm	
Length	L		58 ± 1	mm	
Height	H		50 ± 1	mm	
Terminals tinned wire (4 x)	$\varnothing d$		1.2	mm	
RM1			20.3 ± 0.4	mm	
RM2			52.5 ± 0.4	mm	
	M1				
	M0	01.10.2013	HJJ		
	Modification	Date	Visa émetteur		

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Leclanché
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