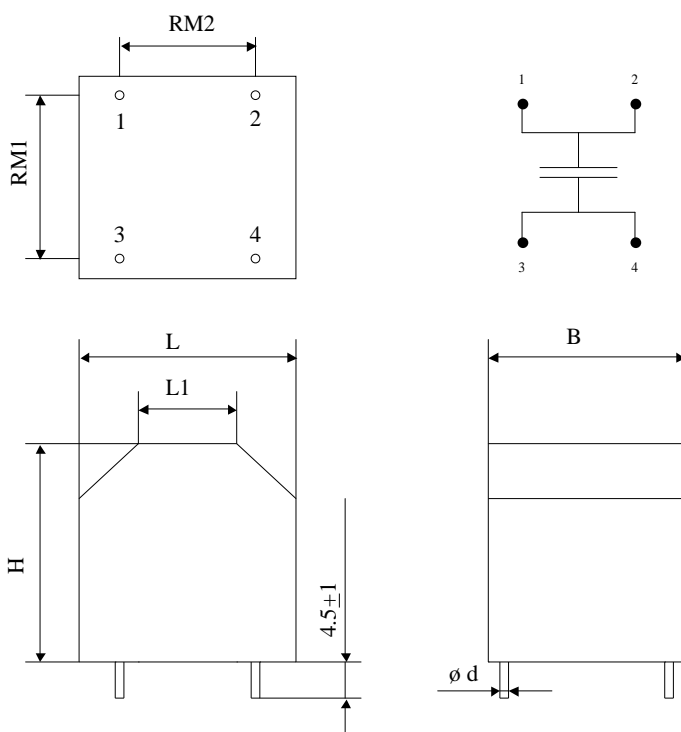


#5591

METALLIZED POLYPROPYLENE CAPACITORS

PPMJC 50-30.0 K

Preliminary datasheet



Printed circuit board mounting

Self-extinguishing plastic housing

Epoxy resin sealing

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	30	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	500	VDC	
Rated voltage	Un AC	105	VAC	50 Hz
RMS current	I RMS max.	17	A	2 kHz - 100 kHz
Repetitive surge current	I _{pt} max	17.6	A ² s	
Tangente delta dielectric	tg δ_o	≤ 2	10^{-4}	1 to 100 kHz
Serie resistance	RS	≤ 4.0	m Ω	1 V / 10 kHz
Stray inductance	ESL	≤ 15	nH	
Insulation resistance	Ri x C	$> 50'000$	s	300 VDC - 1 min
Test voltage between terminals	U T1	750	VDC	10 s
Climatic category		40/105/56		
Estimated operational life (-3%)		$> 375'000$	h	Un DC / 75°C Hot spot
Dimension	Symbol	Value	Unit	Conditions
Width	B	36	mm	
Length	L	40	mm	
	L1	18	mm	
Height	H	40	mm	
Terminals tinned wire	$\varnothing d$	1.2	mm	
RM1		30	mm	
RM2		25	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1401 Yverdon-les-Bains
 Kondensatoren Tel.: ++41 24 445 66 88
 Capacitors Fax: ++41 24 445 66 89

Le lanché
Capacitors
A FISCHER & TAUERSCHE COMPANY

HJJ

21.09.2006

faisab5591.XLS