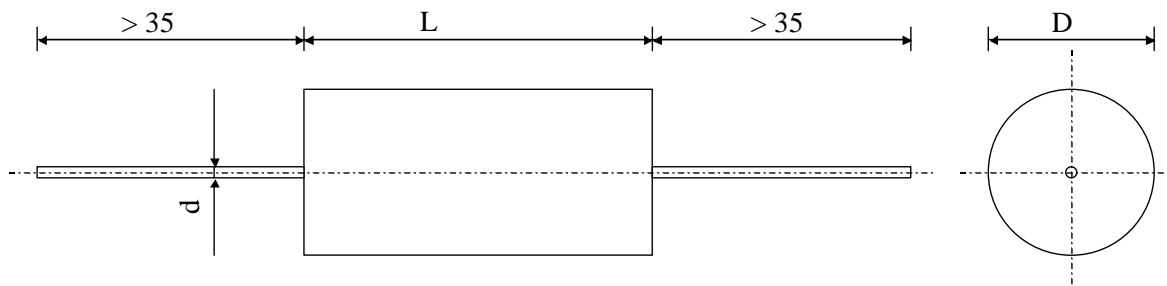


#5881

Power Electronics Capacitors

PPM 80-14.1 d K



Dielectric : metallized polypropylene

Plastic sleeve

Epoxy resin sealing UL 94-V0

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	14.1	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	800	VDC	
Rated voltage	Un AC	305	Veff	50 Hz
RMS Current	Ieff	6	Aeff	10 kHz
slope of voltage variation	du/dt max.	35	V/ μsec	max. repetitive
Tangent delta	tg δ	≤ 7	10^{-4}	1 kHz
Equivalent serie resistance	ESR	≤ 6.0	m Ω	10 kHz
Stray inductance	ESL	≤ 25	nH	
Insulation resistance	Ri	800	M Ω	300 VDC - 1 min
Test voltage between terminals	U T1	1'310	VDC	10 s
Operating temperature		- 25 / + 70	$^{\circ}\text{C}$	
Estimated operational life / temperature ambient 70 $^{\circ}\text{C}$ (-5%)		> 200'000	h	Un AC

Dimension	Symbol	Value	Unit	Conditions
Diameter	D	39.5	mm	
Lenght	L	60	mm	
Terminals				
Axial tinned wire	d	1.2	mm	
	M1			
	M0	18.11.2009	HJJ	
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains
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Le lanché
Capacitors
A FISCHER & FANUCHE COMPANY

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17.11.2009

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