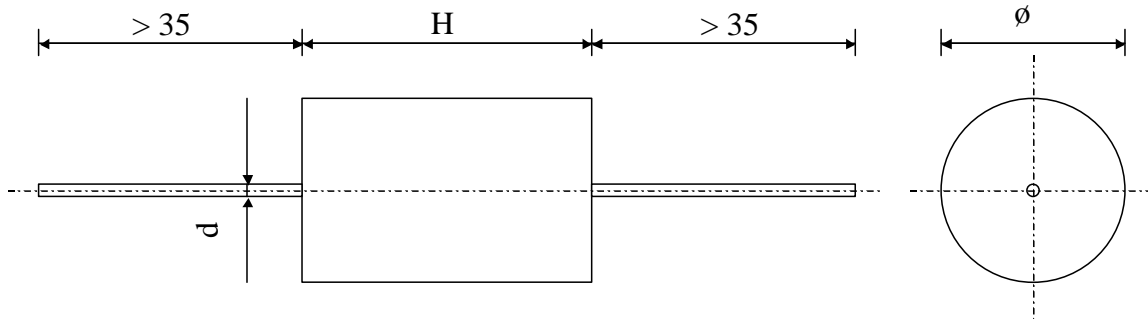


#5585

METALLIZED POLYPROPYLENE CAPACITORS


PPM 120-4.7 d K

Preliminary datasheet



Dielectric of metallized polypropylene

Polyester wrapped / Epoxy resin sealing

Parameter	Symbol	Value	Unit	Condition	
Capacitance	C	4.7	μF	1 V / 1 kHz	
Tolerance		± 10	%		
Rated voltage	Un DC	1200	VDC		
Rated voltage	Un AC	600	Veff	400 Hz ± 20 %	
RMS Current	Ieff	12	Aeff	10 kHz	
slope of voltage variation	du/dt max.	200	V/ μsec	max. repetitive	
Repetitive surge current	I cr. max	940	A		
Tangente delta	tg δ	4	10^{-4}	1 V / 1 kHz	
Tangente delta	tg δ	13	10^{-4}	1 V / 10 kHz	
Stray inductance	ESL	≤ 50	nH		
Insulation resistance	Ri	> 4500	M Ω	100 VDC - 1 min	
Test voltage between terminals	U T1	1'920	VDC	10 s	
Operating temp.		- 40 / + 85 °C			
Estimated operational life (-3%)		100000	h	Un DC - 70°C	
Dimension	Symbol	Value	Unit	Conditions	
Diameter	\varnothing	41	mm		
Height	H	45	mm		
Terminals					
Axial tinned wire		$\varnothing 1.0$	mm		
	M1				
	M0				
	Modification	Date	Visa émetteur		
Condensateurs	CH 1401 Yverdon-les-Bains				
Kondensatoren	Tel.: ++41 24 445 66 88			HJJ	06.07.2006
Capacitors	Fax: ++41 24 445 66 89				faisab5585.XLS