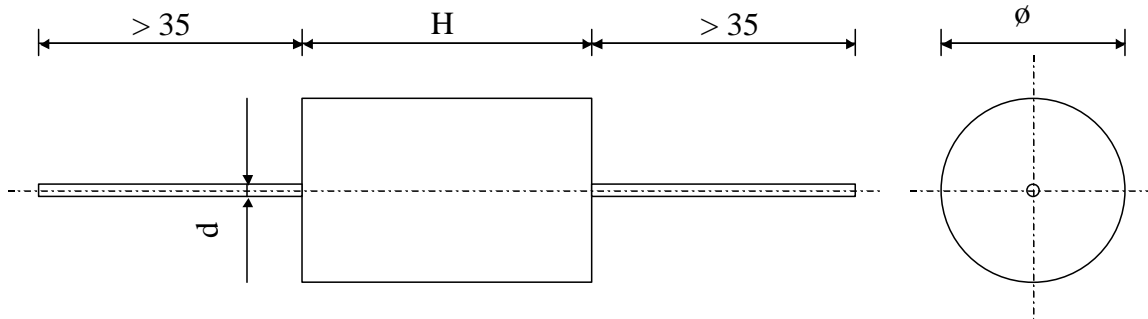


#5585

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			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			HJJ	06.07.2006	faisab5585.XLS
Kondensatoren	Tel.: ++41 24 445 66 88					
Capacitors	Fax: ++41 24 445 66 89					