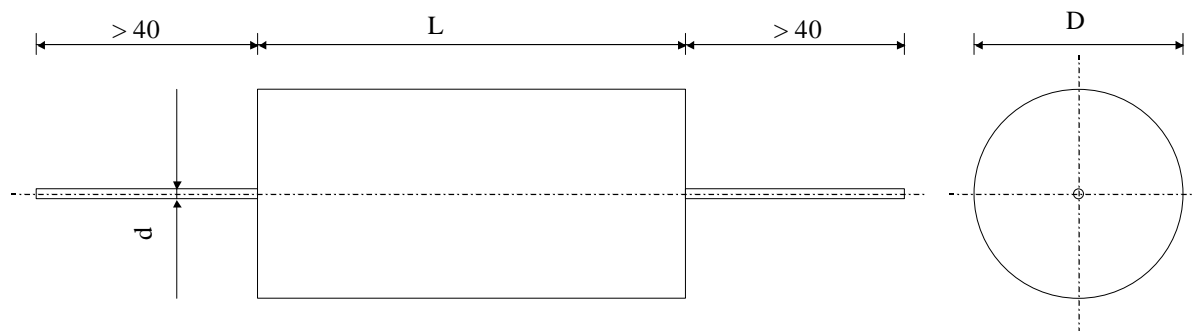


#5862

Power Electronics Capacitors

PPMHT 3000-010 u K

Preliminary data sheet



Dielectric : metallized polypropylene
 Plastic tube
 Polyurethane resin sealing UL 94-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		100	nF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		30'000	VDC	
Rated voltage	Un AC		1500	Veff	50 Hz
slope of voltage variation	du/dt max.		3500	V/ μ sec	max. repetitive
Repetitive surge current	I cr. max		350	A	
Tangent delta	tg δ		≤ 5	10^{-4}	1 kHz
Stray inductance	ESL		≤ 100	nH	
Insulation resistance	Ri		50'000	M Ω	1000 VDC - 1 min
Test voltage between terminals	U T1		33'000	VDC	10 s
Estimated operational life (-3%)			1'000	h	Un DC / 70°C

Dimension	Symbol		Value	Unit	Conditions
Diameter	D		50	mm	
Length	L		140	mm	
Terminals					
Axial tinned wire	d		1.5	mm	

M1

M0

Modification

Date

Visa émetteur

Condensateurs
 Kondensatoren
 Capacitors

CH 1400 Yverdon-les-Bains
 Tel.: ++41 24 445 66 88
 Fax: ++41 24 445 66 89

Le lanché
Capacitors
A FISCHER & TAUSSCHÉ COMPANY

HJJ

25.09.2009

faisab5862.XLS