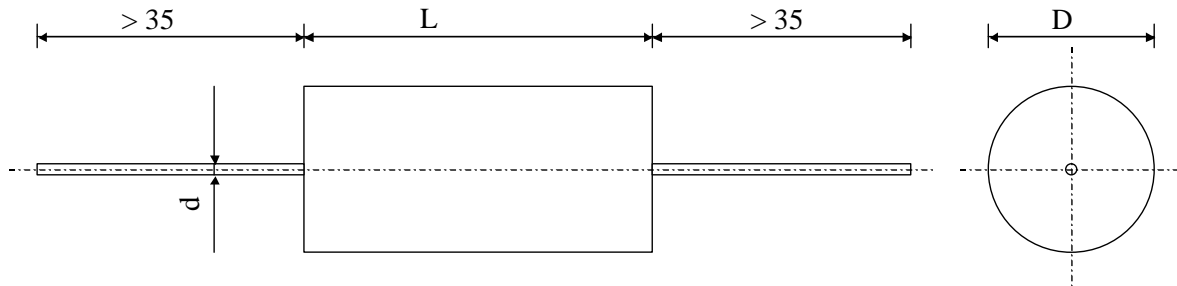


#5823

Power Electronics Capacitors

MKT 25-85.0 d K



Dielectric : metallized polyester
 Polyester wrapped, Flammibility UL 510
 Epoxy resin sealing UL 94-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		85	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	U_n DC		250	VDC	
Rated voltage	U_n AC		70	V_{eff}	50 Hz
Rated temperature			85	$^{\circ}\text{C}$	
Slope of voltage variation	du/dt max.		3.5	$\text{V}/\mu\text{s}$	max. repetitive
Repetitive surge current	I cr. max		297.5	A	max. repetitive
RMS current	I RMS max.		10	A_{eff}	10 kHz
Tangent delta	$\text{tg}\delta$		≤ 100	10^{-4}	1 kHz
Stray inductance	ESL		≤ 40	nH	
Insulation resistance	R_i		118	$\text{M}\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1		400	VDC	10 s
Operating temperature			- 55 / + 100	$^{\circ}\text{C}$	
Dimension	Symbol			Unit	Conditions
Diameter	D		25	mm	
Length	L		58	mm	
Terminals					
Axial tinned wire	d		1.0	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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

Le lanché
Capacitors
A FISCHER & TANSICHE COMPANY

HJJ

19.05.2009

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