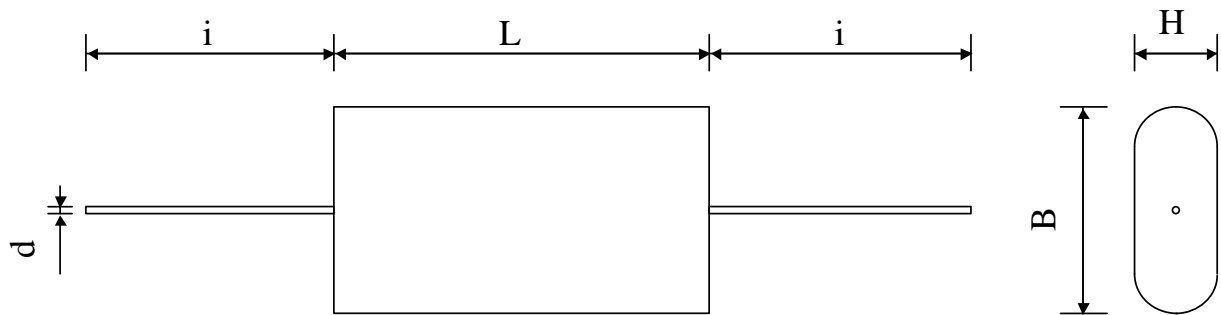


#5725

HIGH TEMPERATURE FILM CAPACITORS

MKS 50-090 df K



Dielectric of metallized polyphenylene sulfide

Flame retardant polyester wrapped / Epoxy resin sealing UL 94-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		0.9	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	U_n DC		500	VDC	
Rated voltage	U_n AC		250	V_{eff}	50 to 800 Hz
RMS current	I RMS ma		6.7	A_{eff}	10 kHz
slope of voltage variation	du/dt max.		40	V/ μsec	max. repetitive
Repetitive surge current	I cr. max		40	A	
Tangent delta	$\text{tg}\delta$		≤ 6	10^{-4}	1 V / 1 kHz
Tangent delta	$\text{tg}\delta$		≤ 18	10^{-4}	1 V / 10 kHz
Stray inductance	ESL		≤ 50	nH	
Insulation resistance	R_i		$> 10'000$	$M\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1		800	VDC	10 s
Operating temperature			- 55 ... + 125	$^{\circ}\text{C}$	
Dimension	Symbol			Unit	Conditions
Width	B max		25	mm	
Height	H max		14.5	mm	
Length	L max		33	mm	
Terminals					
Axial tinned wire	d		$\varnothing 1.0 \times 30$	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains
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Le lanché
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ATFISCHER & FAUSCHER COMPANY

HJJ

22.05.2008

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