

#5688

HIGH TEMPERATURE FILM CAPACITORS

MKS 63-2.2 df K

Document preliminary

Operating :

- 235 VAC / 400 Hz / 800 Hz

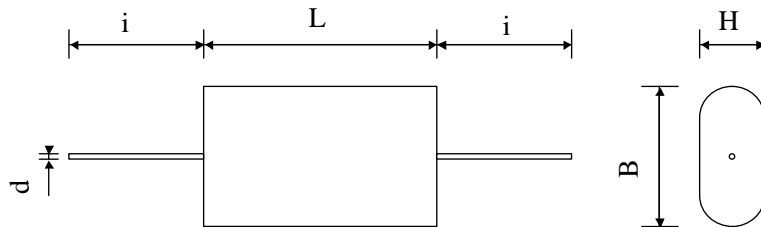
4.5 Aeff

Maximum temperature 125 °C

Default Operating : maximum 1 Hour:

- 260 VAC / 400 Hz / 800 Hz

4.5 Aeff / 125 °C



Dielectric of metallized polyphenylene sulfide

Polyester wrapped, Flammibility UL 510 / Epoxy resin sealing UL 94-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		2.2	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		630	VDC	
Rated voltage	Un AC		260	Veff	400 to 800 Hz
RMS current	I RMS max.		9	Aeff	10 kHz
slope of voltage variation	du/dt max.		100	V/μsec	max. repetitive
Repetitive surge current	I cr. max		220	A	
Lightning Impulse	V cr.		1000	V	80 / 240 μs
Tangente delta	tgδ		≤ 6	10 ⁻⁴	1 V / 1 kHz / 22°C
Tangente delta	tgδ		≤ 18	10 ⁻⁴	1 V / 10 kHz / 22 °C
Stray inductance	ESL		≤ 50	nH	
Insulation resistance	Ri		> 4500	MΩ	100 VDC - 1 min
Test voltage between terminals	U T1		1010	VDC	10 s
Operating temperature			- 55 ... + 125	°C	
Dimension	Symbol			Unit	Conditions
Width	B max		40	mm	
Height	H max		30	mm	
Length	L max		45	mm	
Mass	m		< 65	g	
Terminals					
Axial tinned wire	d		∅ 1.0 x 30	mm	
	M1				
	M0	02.11.2007			
	Modification	Date	Visa émetteur		

Condensateurs CH 1401 Yverdon-les-Bains
 Kondensatoren Tel.: ++41 24 445 66 88
 Capacitors Fax: ++41 24 445 66 89

Le Janché
Capacitors
A FISCHER & TALSCHER COMPANY

HJJ

11.09.2007

faisab5688.XLS