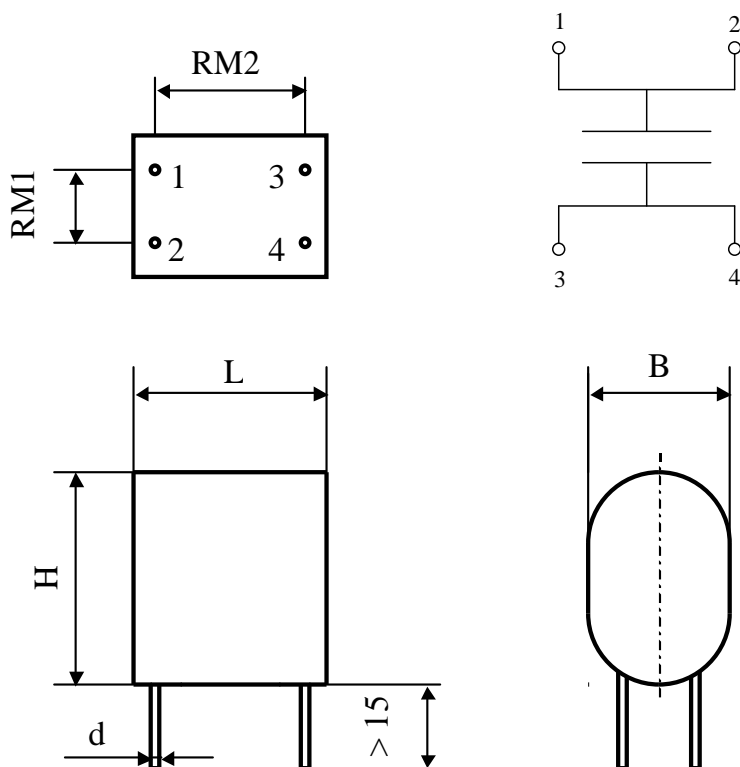


#6160

HIGH TEMPERATURE CAPACITORS

MKN-4 27-40.0 afv K



Dielectric of metallized PEN

Polyester wrapped
flammability UL 510

Epoxy resin sealing UL 94-V0

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	40	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	U_n DC	270	VDC	125°C
RMS current	I RMS max.	20	A _{eff}	100 kHz
Slope of voltage variation	du/dt max.	11	V/ μsec	max. repetitive
Repetitive surge current	I cr. max	440	A	
Tangent delta	tg δ	≤ 55	10 ⁻⁴	1 kHz / 23 °C
Equivalent serie resistance	ESR	≤ 3.5	m Ω	100 kHz / 23°C
Stray inductance	ESL	≤ 9	nH	
Insulation resistance	Ri x C	> 12'000	s	100 VDC - 1 min
Test voltage between terminals	U T1	480	VDC	10 s
Climatic category		40/125/56		
Estimated operational life		> 360	h	270 V / 125 °C
Dimension	Symbol	Value	Unit	Conditions
Width	B max	29	mm	
Height	H max	42	mm	
Length	L max	42	mm	
Terminals				
Radial tinned wire	\varnothing	1.2	mm	
RM1		12.5 \pm 0.7	mm	
RM2		37.5 \pm 0.7	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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Leclanché
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 08.02.2013

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