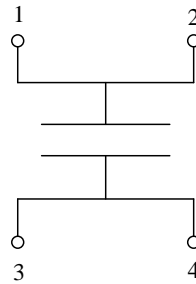
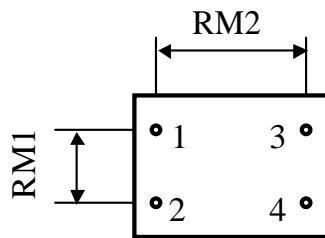


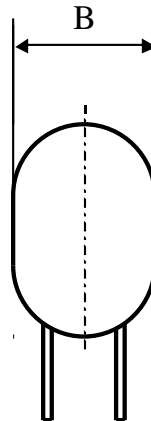
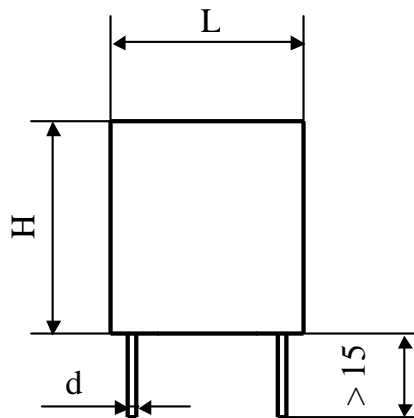
#6160

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	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	$U_n$ DC	270	VDC	125°C
RMS current	I RMS max.	20	A <sub>eff</sub>	100 kHz
Slope of voltage variation	du/dt max.	11	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max	440	A	
Tangent delta	$\text{tg}\delta$	$\leq 55$	$10^{-4}$	1 kHz / 23 °C
Equivalent serie resistance	ESR	$\leq 3.5$	m $\Omega$	100 kHz / 23°C
Stray inductance	ESL	$\leq 9$	nH	
Insulation resistance	$R_i \times C$	$> 12'000$	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	

Condensateurs CH 1400 Yverdon, Switzerland  
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**Leclanché**  
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A FISCHER & TALSCHER COMPANY

HJJ

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 08.02.2013

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