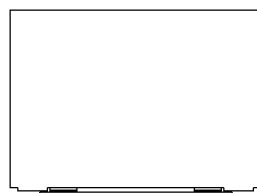
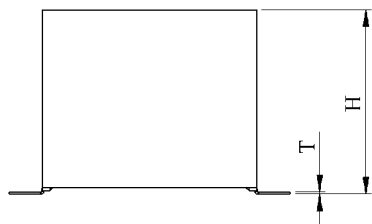
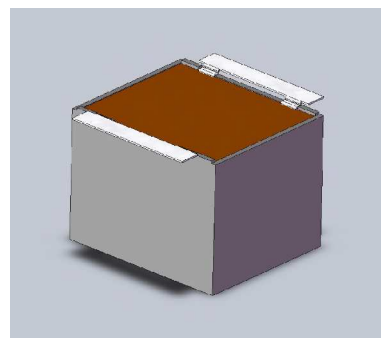
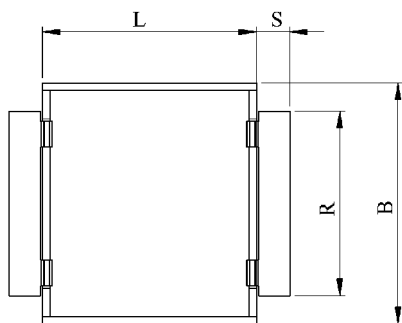


#6312

Power Electronics Capacitors

MKT 63-3.9 SMF K

Preliminary
data sheet

Surface mount device - Self-extinguishing plastic housing
Dielectric metallized polyester - Epoxy resin sealing UL 94-V0
Measurement and test conditions EN 130'000 - EN 132200

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	3.9	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	630	VDC	
RMS current	I RMS max.	9.2	Aeff	300 kHz / 105 °C
slope of voltage variation	du/dt max.	22	V/ μsec	max. repetitive
Repetitive surge current	I cr. max	85.8	A	
Tangent delta	tg δ	≤ 95	10^{-4}	1 kHz
Equivalent serie resistance	ESR	≤ 11.5	m Ω	100 kHz
Stray inductance	ESL	≤ 10	nH	
Insulation resistance	Ri	> 641	M Ω	500 VDC - 1 min
Test voltage between terminals	U T1	1008	VDC	10 s
Climatic category		55/125/21		
Dimension	Symbol	Value	Unit	Conditions
Width	B max.	32.5	mm	
Height	H max.	22.1	mm	
Length	L max.	31.5	mm	
Terminals	R	24 ± 0.5	mm	
	S	3.0 ± 0.25	mm	
	T max.	0.3	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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Leclanché
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