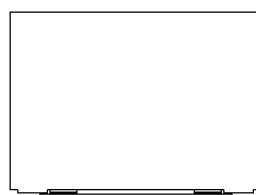
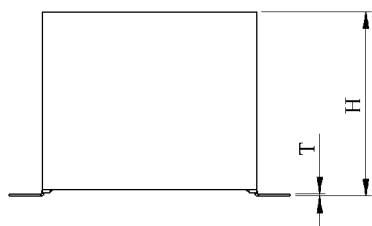
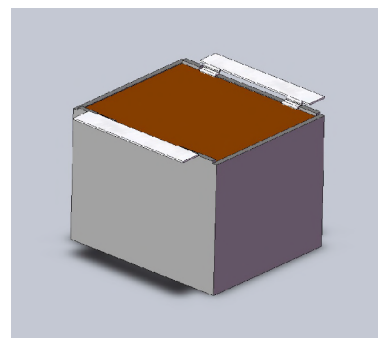
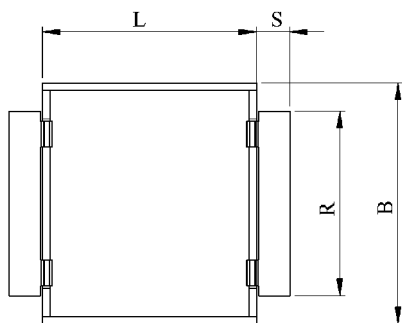


#6312

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			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		

Condensateurs CH 1400 Yverdon, Switzerland
Kondensatoren Tel.: ++41 24 445 66 88
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Leclanché
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