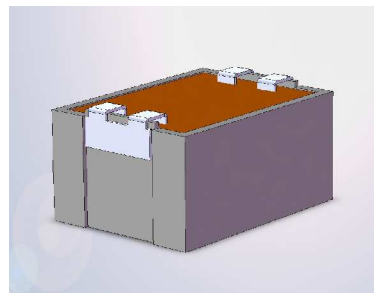
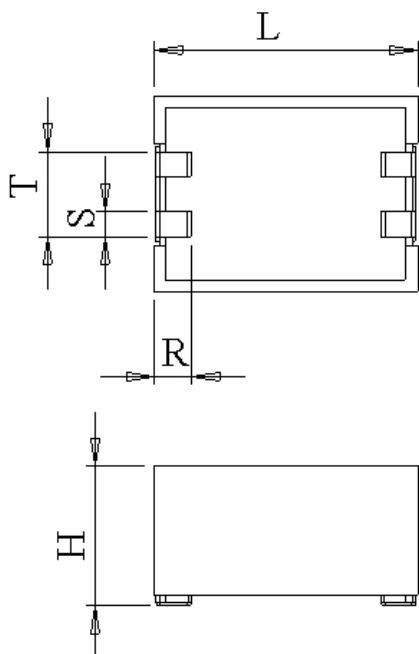


#6093

Power Electronics Capacitors

MKT 5-10.0 SMD2 M



Not ROHS compliant

Terminals
Tinned brass 0.2 mm
Sn90Pb10

Surface mount device - Self-extinguishing plastic housing
Dielectric metallized polyester - Epoxy resin sealing UL 94-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		10	μF	1 V / 1 kHz
Tolerance			± 20	%	
Rated voltage	Un DC		50	VDC	
RMS current	I RMS max.		3.2	Aeff	300 kHz / 105 °C
Tangent delta	tg δ		≤ 100	1C ⁴	1 kHz
Equivalent serie resistance	ESR		≤ 9.0	m Ω	100 kHz
Stray inductance	ESL		≤ 7	nH	
Insulation resistance	Ri		> 125	M Ω	50 VDC - 1 min
Test voltage between terminals	UT1		80	VDC	10 s
Climatic category			55/125/21		
Dimension	Symbol			Unit	Conditions
Width	B max		11.5	mm	
Height	H max		8.5	mm	
Length	L max		15.5	mm	
Terminals					
	R		2.25 \pm 0.25	mm	
	S		1.5 \pm 0.2	mm	
	T		5.0 \pm 0.2	mm	
	M1				
	M0	23.04.2012	HJJ		
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains
Kondensatoren Tel.: ++41 24 445 66 88
Capacitors Fax: ++41 24 445 66 89

Leclanché
Capacitors
A FRIGERIE & TALSCHER COMPANY

HJJ

13.04.2012

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