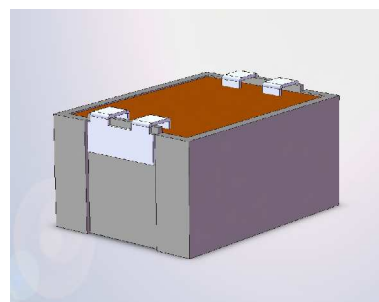
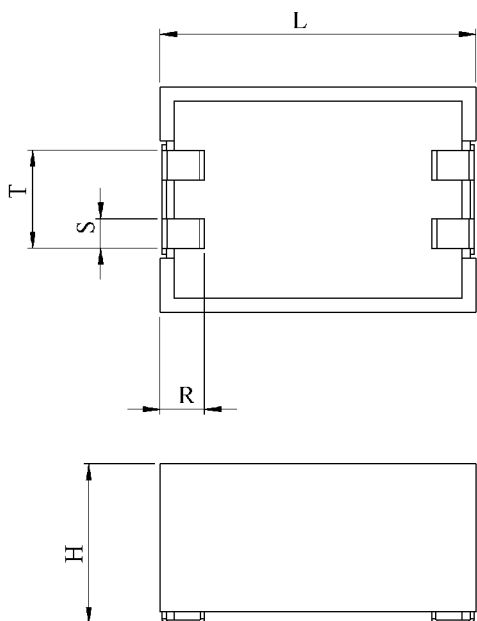
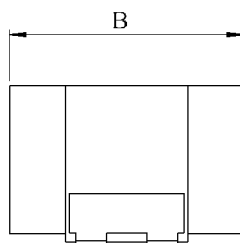


#6294

Power Electronics Capacitors

MKT 10-22.0 SMD K

Preliminary  
data sheet

Surface mount device - Self-extinguishing plastic housing

Dielectric metallized polyester - Epoxy resin sealing UL 94-V0

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	22	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	100	VDC	
Maximum current	I RMS max.	8.5	Aeff	100 kHz / 100 °C
Tangent delta	tg $\delta$	$\leq 90$	$10^{-4}$	1 kHz
Equivalent serie resistance	ESR	$\leq 5.5$	m $\Omega$	100 kHz
Stray inductance	ESL	$\leq 10$	nH	
Insulation resistance	Ri	$> 115$	M $\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1	160	VDC	10 s
Operating temperature		-55 to +125	°C	
Dimension	Symbol	Value	Unit	Conditions
Width	B max	17	mm	
Height	H max	17	mm	
Length	L max	18.5	mm	
Terminals				
	R	$7 \pm 0.25$	mm	
	S	$2 \pm 0.2$	mm	
	T	$2.25 \pm 0.25$	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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

**Lecdanché**  
**Capacitors**  
A FRECHER & TAUSSCHÉ COMPANY

HJJ

24.04.2014

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