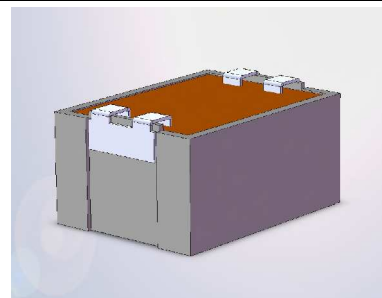
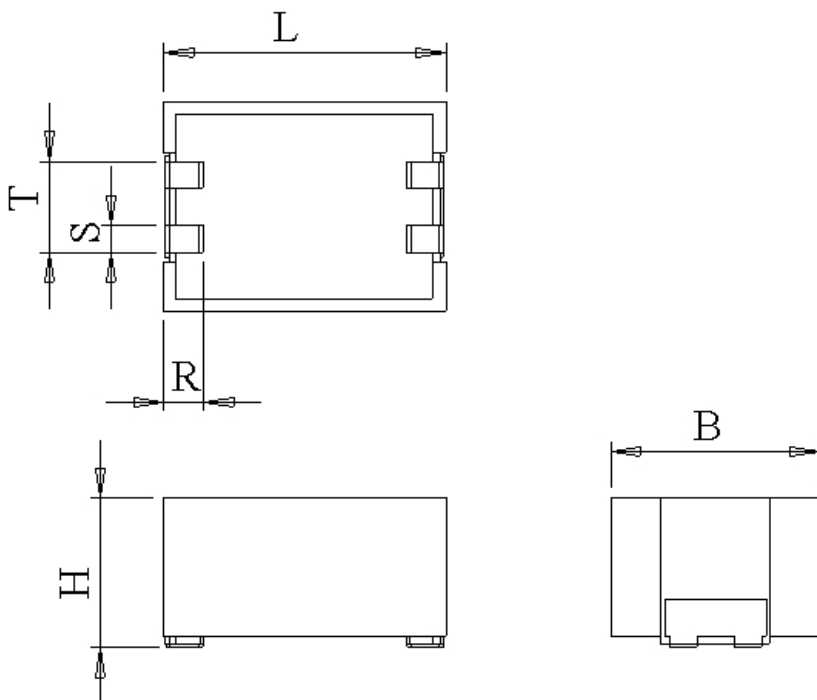


#6305

Power Electronics Capacitors

MKT 4-033 SMD F

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	0.33	$\mu\text{F}$	1 V / 1 kHz
Tolerance available		$\pm 1$	%	
Rated voltage	Un DC	40	VDC	
slope of voltage variation	du/dt max.	40	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max	13.2	A	
Tangent delta	tg $\delta$	$\leq 80$	$10^{-4}$	1 kHz / 23°C
Stray inductance	ESL	$\leq 10$	nH	
Insulation resistance	Ri	$> 15'000$	M $\Omega$	10 VDC - 1 min
Test voltage between terminals	U T1	64	VDC	10 s
Climatic category		55/125/56		
Dimension	Symbol	Value	Unit	Conditions
Width	B max	8.5	mm	
Height	H max	7.5	mm	
Length	L max	8	mm	
Terminals				
	R	$2.25 \pm 0.25$	mm	
	S	$1.0 \pm 0.2$	mm	
	T	$4.0 \pm 0.2$	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

**Leclanché**  
Capacitors  
A FRESCHET & TRASSCHET COMPANY

HJJ

06.06.2014

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