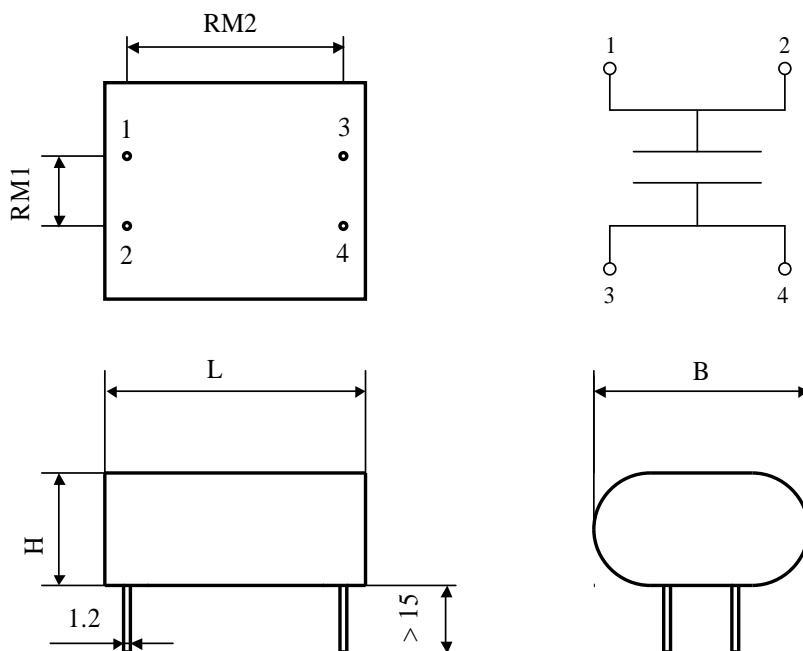


#5584

## Power Electronics Capacitors

MKT-4 50-15.0 a K



Dielectric : metallized polyester  
Polyester wrapped

Epoxy resin sealing

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		15	$\mu\text{F}$	1 V / 1 kHz
Tolerance			$\pm 10$	%	
Rated voltage	Un DC		500	VDC	
Rated voltage	Un AC		160	Veff	50 Hz
RMS current	I RMS max.		5	Aeff	10 kHz / 90°C 1 min
Tangente delta	$\text{tg}\delta$		$\leq 90$	$10^{-4}$	1 kHz
Equivalent serie resistance	ESR		$\leq 7.6$	$\text{m}\Omega$	100 kHz
Stray inductance	ESL		$\leq 15$	nH	
Insulation resistance	Ri		$> 670$	$\text{M}\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1		750	VDC	10 s
Climatic category			40/105/56		
Dimension	Symbol			Unit	Conditions
Width	B		32	mm	
Height	H		16	mm	
Length	L		45	mm	
Terminals					
Radial tinned wire	$\varnothing$		1.2	mm	
RM1			$12.7 \pm 0.5$	mm	
RM2			$40.64 \pm 0.5$	mm	
	M1				
	M0	15.08.2012	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 FISCHER & TAUSSCHKE COMPANY

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