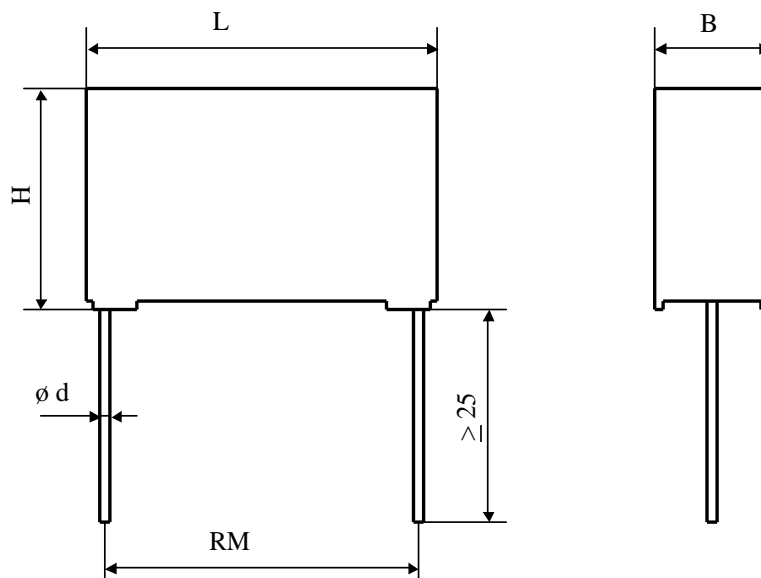


#6150


POWER CAPACITORS

PPM 16-10.0 gs J



Dielectric of metallized polypropylene

Self-extinguishing plastic housing / Epoxy resin sealing

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		10	$\mu\text{F}$	1 V / 1 kHz
Tolerance			$\pm 5$	%	
Rated voltage	Un DC		160	VDC	
Rated voltage	Un AC		100	VAC	
RMS Current	I <sub>eff</sub> max		10	A <sub>eff</sub>	10 kHz
slope of voltage variation	du/dt max.		35	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max		350	A	
Tangent delta	tg $\delta$		< 6	$10^{-4}$	1 V / 1 kHz
Equivalent serie resistance	ESR		$\leq 6.5$	m $\Omega$	10 kHz
Stray inductance	ESL		$\leq 25$	nH	
Insulation resistance	Ri x C		30'000	s	100 VDC - 1 min
Test voltage between terminals	U T1		260	VDC	10 s
Operating temperature			- 40 ... + 85°C	°C	
Estimated operational life (-3%)			100'000	h	Un DC / 7°C
Dimension	Symbol			Unit	Conditions
Width	B		22.5	mm	
Height	H		37.5	mm	
Length	L		32	mm	
Terminals					
Axial tinned wire	d		$\phi 1.0 \times 25$	mm	
	RM		$27.5 \pm 0.5$	mm	
	M1				
	MO	23.01.2014	HJJ		
	Modification	Date	Visa émetteur		
Condensateurs	CH 1400 Yverdon, Switzerland			www.Lcap.ch	capinfo@Lcap.ch
Kondensatoren	Tel.: ++41 24 445 66 88				
Capacitors	Fax: ++41 24 445 66 89				
			HJJ	25.01.2013	faisab6150.XLS