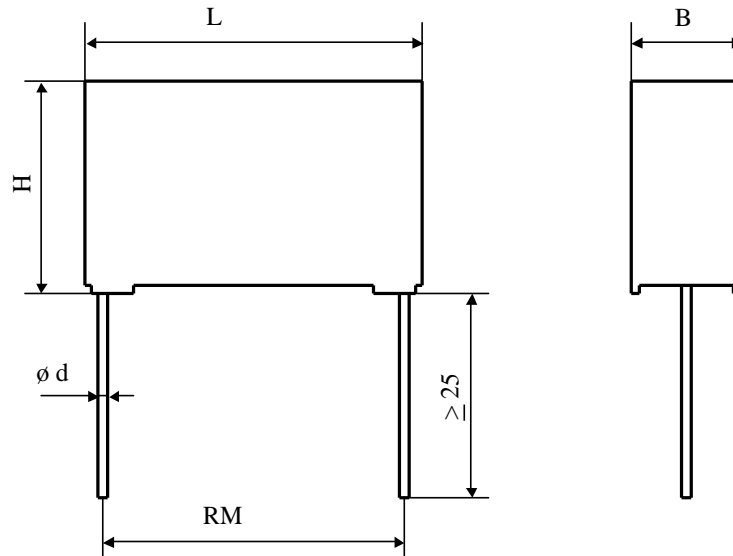


# 5993

**METALLIZED POLYPROPYLENE  
+ FILM-FOIL CAPACITORS**
**TYPE**  
KPS 160-182 gs1 J


Dielectric: Polypropylene metallized + film-foil

Self-extinguishing plastic housing / Epoxy resin sealing

Paramètre	Symbol	Value	Unit	Condition
Capacitance	C	82	nF	20°C, 1 kHz
Tolérance		5	%	
Rated voltage	Un DC	1'600	VDC	
Rated voltage	Un AC	500	VAC	
RMS Current	I <sub>eff</sub> max.	8	A <sub>eff</sub>	100 kHz
Slope of voltage variation	du/dt max.	7'000	V/μs	max. repetitive
Repetitive surge current	I cr. max	574	A	max. repetitive
Tangent delta	tgδ	≤ 3.0 E-4		1 V / 10 kHz / 20 °C
Stray inductance	ESL	≤ 20	nH	
Insulation resistance	Ri	> 100'000	MΩ	100 VDC - 1 min
Test voltage between terminals	U T1	2'560	VDC	10 s.
Climatic category		55/85/56		
Estimated operational life (-3 %)		100'000	h	Un / 70°C

Dimension	Symbole	Value	Unit	Conditions
Width	B	18	mm	
Height	H	33	mm	
Length	L	32	mm	
Terminals				
Axial tinned wire	d	ø 0.8 x 25	mm	
	RM	27.5 ± 0.5	mm	

	M2			
	M1			
	MC			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon, Switzerland

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**Lecdanché**  
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A FISCHER & TALSCHER COMPANY

HJJ

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