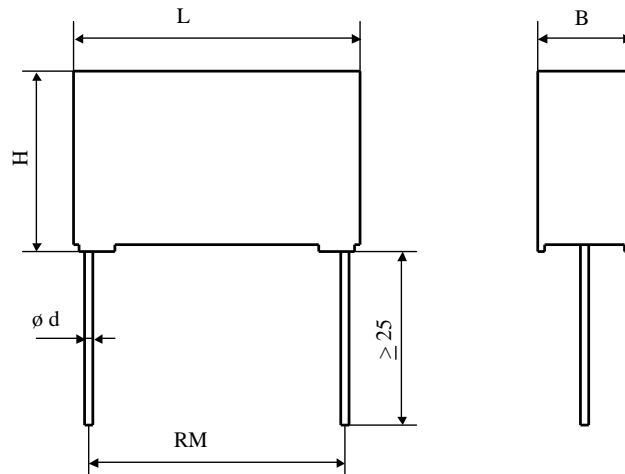


# 5989	METALLIZED POLYPROPYLENE + FILM-FOIL CAPACITORS	TYPE KPS 160-182 gs J
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Dielectric: Polypropylene metallized + film-foil

Self-extinguishing plastic housing / Epoxy resin sealing

Paramèter	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 _{eff} max.	11.18	A _{eff}	100 kHz
Slope of voltage variation	du/dt max.	7000	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	R _i	> 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	20	mm	
Height	H	29	mm	
Length	L	31.5	mm	
Terminals				
Axial tinned wire	d	ø 1.0 x 25	mm	
	RM	27.94	mm	

	M2			
	M1			
	M0			
	Modification	Date	Visa émetteur	