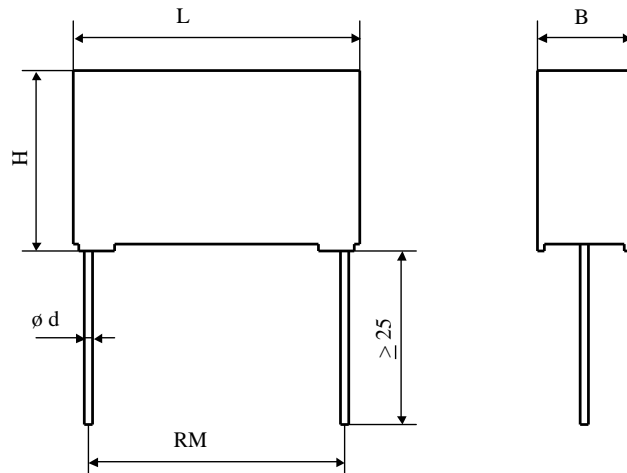


# 6102	METALLIZED POLYPROPYLENE + FILM-FOIL CAPACITORS	TYPE KPS 200-247 gs J
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Dielectric: Polypropylene metallized + film-foil

Self-extinguishing plastic housing / Epoxy resin sealing

Paraméter	Symbol	Value	Unit	Condition
Capacitance	C	4.7	nF	20°C, 1 kHz
Tolérance		5	%	
Rated voltage	Un DC	2'000	VDC	
Rated voltage	Un AC	500	VAC	
RMS Current	I <sub>eff</sub> max.	1.25	A <sub>eff</sub>	100 kHz
Slope of voltage variation	du/dt max.	7'50	V/ $\mu$ s	max. repetitive
Repetitive surge current	I <sub>cr</sub> max	35.3	A	max. repetitive
Tangent delta	tg $\delta$	$\leq 3.0 \text{ E-4}$		1 V / 10 kHz / 20 °C
Stray inductance	ESL	$\leq 20$	nH	
Insulation resistance	Ri	$> 100'000$	M $\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1	3'200	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	8.5	mm	
Height	H	18	mm	
Length	L	26.5	mm	
Terminals				
Axial tinned wire	d	$\phi 0.8 \times 25$	mm	
	RM	$22.5 \pm 0.5$	mm	

	M2			
	M1			
	MC			
	Modification	Date	Visa émetteur	