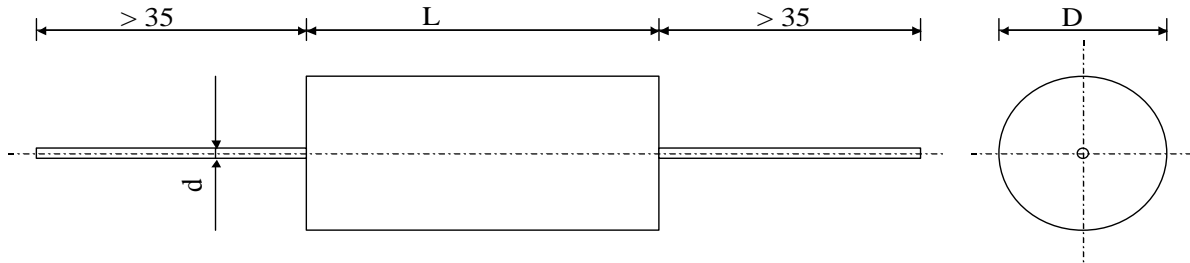


6012

**METALLIZED POLYPROPYLENE
+ FILM-FOIL CAPACITORS**

**TYPE
KPS 160-133 ds M**



Dielectric: Polypropylene metallized + film + foil

Polyester wrapped UL 510 / Epoxy resin sealing UL 94-V0

Paramètre	Symbol		Value	Unit	Condition
Capacitance	C		33	nF	20°C, 1 kHz
Tolérance			± 20	%	
Rated voltage	Un DC		1'600	VDC	
Rated voltage	Un AC		500	VAC	
rated temperature			70	°C	
RMS Current	I _{eff} max.		5	A _{eff}	100 kHz
Slope of voltage variation	du/dt max.		4'000	V/ μ s	max. repetitive
Repetitive surge current	I _{cr} max		132	A	max. repetitive
Tangent delta	tg δ		$< 4 E-4$		1 v / 1 kHz
Tangent delta	tg δ		$< 4 E-4$		1 v / 10 kHz
Stray inductance	ESL		≤ 18	nH	
Insulation resistance between terminals	R _i		$> 100'000$	M Ω	500 VDC - 1 min
Test voltage between terminals	U _{T1}		2'560	VDC	10 s.
Climatic category			40/85/56		

Dimension	Symbole			Unité	Conditions
Diameter	D		16	mm	
Length	L		33	mm	
Terminals					
Axial tinned wire	d		$\varnothing 1.0 \times 35$	mm	

	M2				
	M1				
	MC				
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon, Switzerland

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