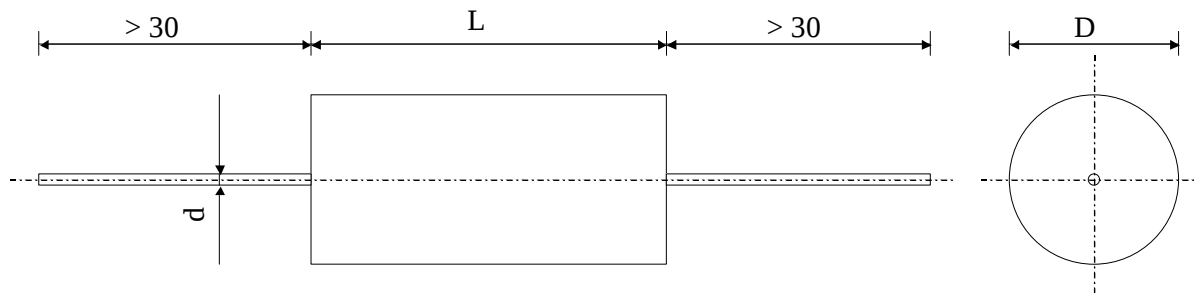


# 5803	METALLIZED POLYPROPYLENE + FILM-FOIL CAPACITORS	TYPE KPS 63-115 da1 K
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Dielectric: Polypropylene metallized + film + foil

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

Paramètre	Symbol	Value	Unit	Condition
Capacitance	C	15	nF	20°C, 1 kHz
Tolérance		10	%	
Rated voltage	Un DC	630	VDC	
Rated voltage	Un AC	330	VAC	
RMS Current	I _{eff} max.	2.9	A _{eff}	
Slope of voltage variation	du/dt max.	6'500	V/μs	max. repetitive
Repetitive surge current	I _{cr} max	97.5	A	max. repetitive
Tangent delta dielectric	tgδ _o	2 E-4		
Serial resistance	R _s	4.6	mΩ	
Stray inductance	ESL	≤ 40	nH	
Insulation resistance	R _i	> 100'000	MΩ	100 VDC - 1 min
Test voltage between terminals	U _{T1}	1'000	VDC	60 s.
Climatic category		55/85/56		
Estimated operational life (-3 %)		100'000	h	Un / 70°C

Dimension	Symbole	Unité	Conditions
Diameter	D	12.5 mm	
Length	L	20 mm	
Terminals			
Axial tinned wire	d	ø 0.8 mm	
Valeurs indicatives, sous réserve de modification	M2		
	M1		
	M0		
	Modification	Date	Visa émetteur

Condensateurs	CH 1400 Yverdon-les-Bains		HJJ	02.04.2009	faisab5803.XLS
Kondensatoren	Tel.: ++41 24 445 66 88				
Capacitors	Fax: ++41 24 445 66 89				