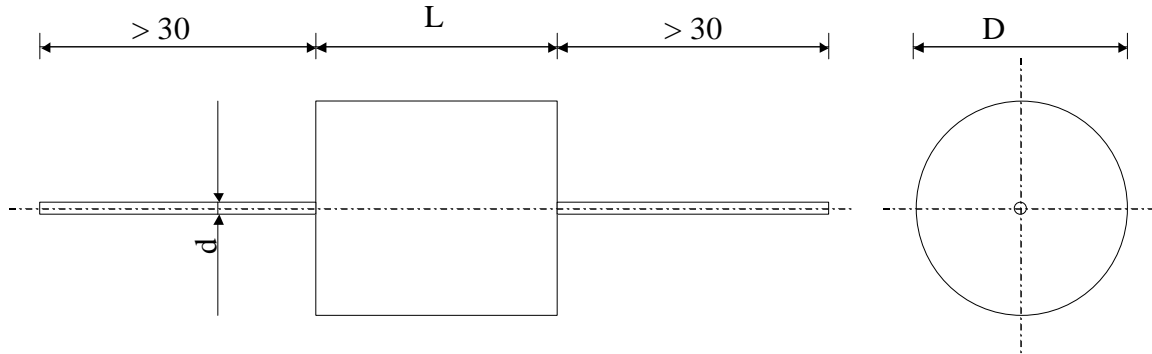


# 5887

**METALLIZED POLYPROPYLENE  
+ FILM-FOIL CAPACITORS**

TYPE  
KPS 200-1931 da G



Dielectric: Polypropylene metallized + film + foil

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

Paramètre	Symbol	Value	Unit	Condition
Capacitance	C	93.1	nF	20°C, 1 kHz
Tolérance		± 2	%	
Rated voltage	Un DC	2'000	VDC	85°C
Rated voltage	Un AC	500	VAC	70°C
RMS Current	I <sub>eff</sub> max.	12.5	A <sub>eff</sub>	50 kHz
Slope of voltage variation	du/dt max.	3'000	V/μs	max. repetitive
Repetitive surge current	I cr. max	279	A	max. repetitive
Tangent delta dielectric	tgδ <sub>o</sub>	2 E-4		
Serial resistance	Rs	4	mΩ	
Stray inductance	ESL	≤ 40	nH	
Insulation resistance	Ri	> 100'000	MΩ	500 VDC - 1 min
Test voltage between terminals	U T1	3'200	VDC	60 s.
Climatic category		55/85/56		
Estimated operational life (-3 %)		100'000	h	Un / 70°C

Dimension	Symbole	Unité	Conditions
Diameter	D	37.5	mm
Length	L	33	mm
Terminals			
Axial tinned wire	d	1.0	mm

Valeurs indicatives, sous réserve de modification	M2			
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains

Kondensatoren Tel.: ++41 24 445 66 88

Capacitors Fax: ++41 24 445 66 89

**Le Lancé**  
**Capacitors**  
A FREDENY & FAURICH COMPANY

HJJ

09.12.2009

faisab5887.XLS