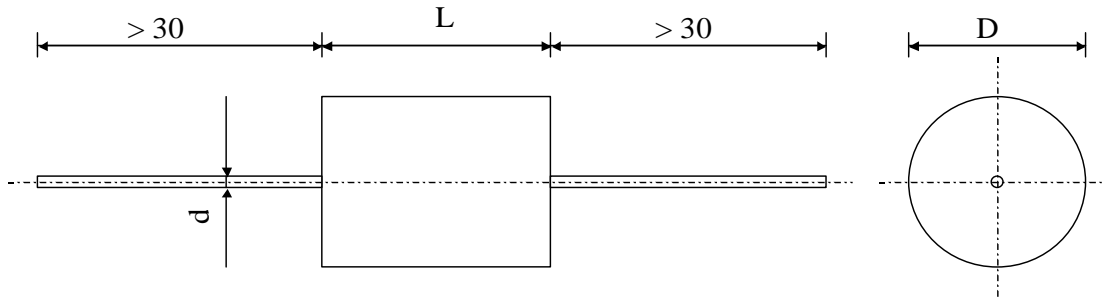


5822

**METALLIZED POLYPROPYLENE
+ FILM-FOIL CAPACITORS**
TYPE
KPS 100-010 ds K


Dielectric: Polypropylene metallized + film + foil

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

Paramètre	Symbol	Value	Unit	Condition
Capacitance	C	100	nF	20°C, 1 kHz
Tolérance		10	%	
Rated voltage	Un DC	1'000	VDC	
Rated voltage	Un AC	400	VAC	
RMS Current	I _{eff} max.	12	A _{eff}	100 kHz
Slope of voltage variation	du/dt max.	5'500	V/μs	max. repetitive
Repetitive surge current	I _{cr} max	550	A	max. repetitive
Tangent delta dielectric	tgδ _o	2 E-4		
Serial resistance	R _s	1.7	mΩ	
Stray inductance	ESL	≤ 40	nH	
Insulation resistance	R _i	> 100'000	MΩ	100 VDC - 1 min
Test voltage between terminals	U _{T1}	1'600	VDC	60 s.
Climatic category		55/85/56		
Estimated operational life (-3 %)		100'000	h	Un / 70°C

Dimension	Symbole	Value	Unité	Conditions
Diameter	D	32	mm	
Length	L	20	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
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 Capacitors Fax: ++41 24 445 66 89

Le Janché
Capacitors
A. FISCHER & TALSCHER COMPANY

HJJ

18.05.2009

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