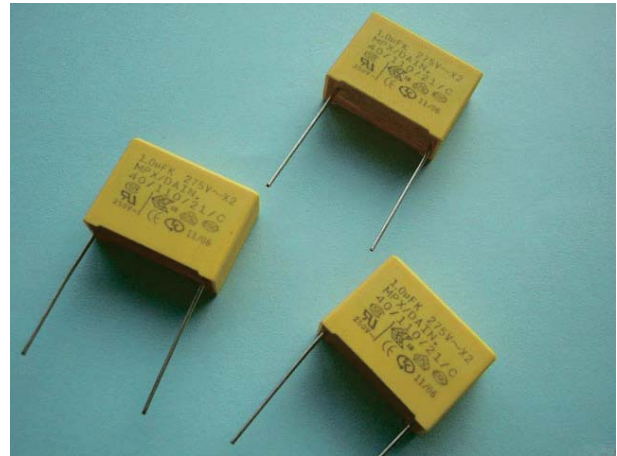
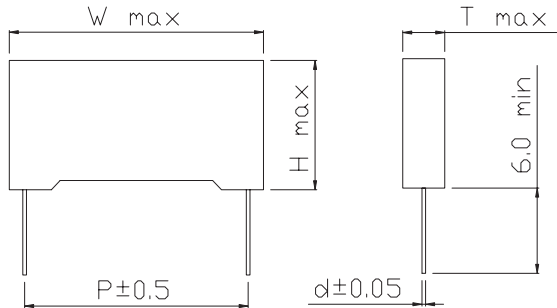


Film Capacitors Series

Box-type Metallized Polyester Film Capacitor Type: CL23



Construction

Dielectric	Polyester Film
Electrodes	Aluminum Metalization
Winding	Non-inductive type
Leads	Tinned Wire
Outer coating	Flame retarding plastic case and epoxy resin filled

Features

Wide capacitance range, small size and light weight
 Long life due to self-healing effect
 Flame retardation epoxy resin powder coating provides safety
 Suitable for blocking, by-pass and coupling of DC and signals to VHF range
 Widely used in filter and low pulse circuits
 Flame-retardant plastic case and epoxy resinz (compliance with UL94V-0)

Specifications

Reference Standard	IEC 60384-2		
Rated Temperature	-40°C~+85°C		
Upper Category Temperature	+105°C		
Rated Voltage	Derating ratio of rated voltage +85°C~+105°C: 1.25% per °C for VR(DC) 100VDC, 250VDC, 400VDC, 630VDC		
Capacitance Range	0.0068µF~10µF		
Capacitance Tolerance	J=±5% K=±10% M=±20%		
Dissipation factor	1.0% max at 20°C, 1KHz		
Voltage Proof	Terminal to Terminal:(at20+5°C) 1.5*VR applied for 2 sec. (cut off current 10mA)		
Insulation resistance (I.R.)	≥30000MΩ	CR≤0.33µF	
	≥10000MΩ	1.0µF>CR>0.33µF	20+5°C, 100V, 1min
	≥1000MΩ	CR>1.0µF	

ORDER INFORMATION

Product No.:	KLS10 - CL23 - XXX	X	XX	-	XX
Pos.No.	Product Name:	CAPACITANCE	TOL.	Rated Voltage	Pitch
	Metallized Polyester Film Capacitor	IN 3DIGITS	K= ± 10%	100=100VDC	P10=10mm
		332=0.0033uF	J=± 5%	250=250VDC	P15=15mm
		104= 0.1uF		400=400VDC	
		474= 0.47uF			
		105= 1uF			

Film Capacitors Series

Box-type metallized Polyester Film Capacitor Type: CL23

Dimensions Size unit :mm

R. V.	50/100VDC					250VDC					400VDC					630VDC					
Size	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d	
Cap.	Max	Max	Max	1	0.05	Max	Max	Max	1	0.05	Max	Max	Max	1	0.05	Max	Max	Max	1	0.05	
0.01																13	9.5	4	10	0.6	
0.015																13	11	5	10	0.6	
0.022											13	9.5	4	10	0.6	13	12	6	10	0.6	
0.033											13	11	5	10	0.6	18	11	5	15	0.8	
0.047						13	9.5	4	10	0.6	13	12	6	10	0.6	18	12	6	15	0.8	
0.068						13	9.5	4	10	0.3	18	11	5	15	0.8	18	13.5	7.5	15	0.8	
0.1						13	11	5	10	0.6	18	12	6	15	0.8	26.5	16.5	7	15	0.8	
0.15	13	9.5	4	10	0.6	18	11	5	15	0.8	18	13.5	7.5	15	0.8	26.5	16.5	7	22.5	0.8	
0.22	13	11	5	10	0.6	18	11	5	15	0.8	18	14.5	8.5	15	0.8	26.5	19	10	22.5	0.8	
0.33	13	12	6	10	0.6	18	12	6	15	0.8	26.5	16.5	7	22.5	0.8	32	20	11	22.5	0.8	
0.47	18	11	5	15	0.6	18	13.5	7.5	15	0.8	26.5	19	10	22.5	0.8	32	22	13	27.5	0.8	
0.68	18	12	6	15	0.8	26.5	16.5	7	22.5	0.8	26.5	19	10	22.5	0.8	32	25	14	27.5	0.8	
1	18	13.5	7.5	15	0.8	26.5	17	8.5	22.5	0.8	32	20	11	27.5	0.8						
1.5	26.5	16.5	7	22.5	0.8	26.5	19	10	22.5	0.8	32	22	13	27.5	0.8						
2.2	26.5	17	8.5	22.5	0.8	32	20	11	27.5	0.8											
3.3	26.5	19	10	22.5	0.8	32	22	13	27.5	0.8											
4.7	32	20	11	27.5	0.8																
6.8	32	22	13	27.5	0.8																
10	32	25	14	27.5	0.8																

• The above dimensions are for reference only. The final dimensions are subject to our specifications.

ORDER INFORMATION

Product No.: KLS10 - CL23 - XXX X XX - XX

Pos.No.	Product Name:	CAPACITANCE	TOL.	Rated Voltage	Pitch
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