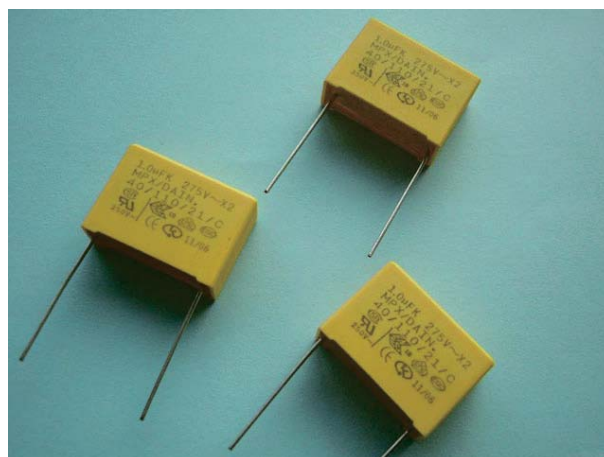
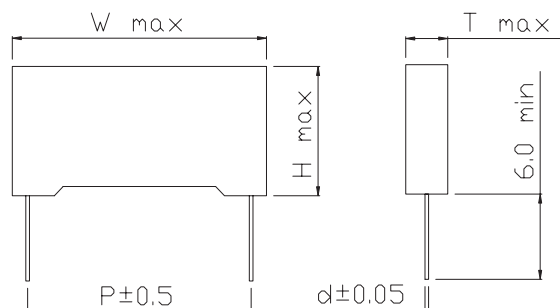


Film Capacitors Series

Box-type Metallized Polyester Film Capacitor Type: CL23



Construction

Dielectric	Polyester Film
Electrodes	Aluminum Metallization
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 resin (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: (at 20+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	
		IN 3DIGITS	K= ± 10%	100=100VDC	P10=10mm	
	Metallized Polyester Film Capacitor	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				
		IN 3DIGITS	K= ± 10%	100=100VDC	P10=10mm				
	Metallized	332=0.0033uF	J=± 5%	250=250VDC	P15=15mm				
	Polyester Film	104= 0.1uF		400=400VDC					
	Capacitor	474= 0.47uF							
		105= 1uF							