

Metallized Polyester Film Capacitor

Type: **ECWJ**

Non-inductive construction, Flame-retardant epoxy resin dipped enclosure

■ Features

- ◆ Self-healing property
- ◆ Flame-retardant epoxy resin coating
- ◆ Small and compact

■ Recommended Applications

- ◆ For motor running of Air conditioner and fan



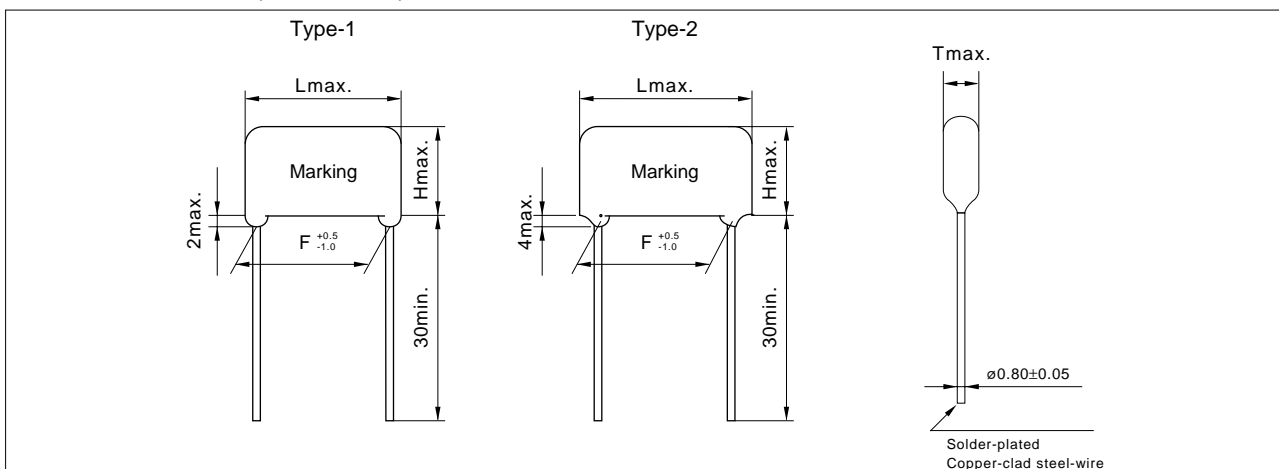
■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	C	W	J						J		
Product code	Dielectric & construction		Rated voltage		Capacitance			Cap Tol.	Suffix		

■ Specifications

Permissible temp. range	-25 to +60°C
Rated voltage	180VAC, 220VAC, 250VAC, 350VAC, 430VAC
Capacitance range	1 to 10μF
Capacitance tolerance	±5%(J)
Dissipation factor	0.4%max. (20°C 50/60Hz)
Withstand voltage	Between terminals : Rated volt. (V.AC)×175% 60s Between terminals to enclosure : 2000VAC 60s
Insulation resistance	Between terminals : 1000Ω · Fmin. (20°C 100VDC 60s) Between terminals to enclosure : 1000MΩmin.(20°C 500 VDC 60s)

■ Dimensions in mm (not to scale)



■ Rating, Dimensions

● Rated voltage : 180VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L	T	H	F	
ECWJ18105JC	1.0	26.5	7.5	16.5	22.5	1
ECWJ18155JC	1.5	26.5	9.0	18.0	22.5	1
ECWJ18205JC	2.0	26.5	10.0	20.0	22.5	1
ECWJ18255JC	2.5	26.5	11.5	21.0	22.5	1
ECWJ18305JC	3.0	26.5	12.5	22.0	22.5	1
ECWJ18355JC	3.5	26.5	13.5	23.0	22.5	1
ECWJ18405JC	4.0	26.5	14.5	24.5	22.5	1
ECWJ18455JC	4.5	31.5	13.5	23.0	27.5	1
ECWJ18505JC	5.0	31.5	14.0	24.0	27.5	1
ECWJ18555JC	5.5	31.5	15.0	25.0	27.5	1
ECWJ18605JC	6.0	31.5	16.0	25.5	27.5	1
ECWJ18655JC	6.5	31.5	16.5	26.0	27.5	1
ECWJ18705JC	7.0	31.5	17.0	27.0	27.5	1
ECWJ18755JC	7.5	37.0	16.0	25.5	32.5	1
ECWJ18805JC	8.0	37.0	16.5	26.0	32.5	1
ECWJ18855JC	8.5	37.0	17.0	27.0	32.5	1
ECWJ18905JC	9.0	37.0	17.5	27.0	32.5	1
ECWJ18955JC	9.5	37.0	18.0	27.5	32.5	1
ECWJ18106JC	10.0	37.0	18.5	28.0	32.5	1

● Rated voltage : 220VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L	T	H	F	
ECWJ22105JW	1.0	26.5	7.5	16.5	22.5	1
ECWJ22125JW	1.2	26.5	8.0	17.0	22.5	1
ECWJ22155JW	1.5	26.5	9.0	18.0	22.5	1
ECWJ22185JW	1.8	26.5	10.0	19.0	22.5	1
ECWJ22205JW	2.0	26.5	10.5	20.0	22.5	1
ECWJ22225JW	2.2	26.5	11.0	20.0	22.5	1
ECWJ22255JW	2.5	26.5	11.5	21.0	22.5	1
ECWJ22285JW	2.8	26.5	12.0	21.5	22.5	1
ECWJ22305JW	3.0	26.5	12.5	22.0	22.5	1
ECWJ22355JW	3.5	26.5	13.5	23.0	22.5	1
ECWJ22405JW	4.0	26.5	14.5	24.5	22.5	1
ECWJ22455JW	4.5	31.5	13.5	23.0	27.5	1
ECWJ22505JW	5.0	31.5	14.0	24.0	27.5	1
ECWJ22555JW	5.5	31.5	15.5	25.0	27.5	1
ECWJ22605JW	6.0	31.5	16.0	25.5	27.5	1
ECWJ22655JW	6.5	31.5	16.5	26.0	27.5	1
ECWJ22705JW	7.0	31.5	17.5	26.5	27.5	1
ECWJ22805JW	8.0	37.0	16.5	26.0	32.5	1
ECWJ22905JW	9.0	37.0	17.5	27.0	32.5	1
ECWJ22106JW	10.0	37.0	18.5	28.0	32.5	1

■ Rating, Dimensions

● Rated voltage : 250VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L	T	H	F	
ECWJ25105JW	1.0	26.5	10.0	19.5	22.5	1
ECWJ25125JW	1.2	26.5	11.0	20.0	22.5	1
ECWJ25155JW	1.5	26.5	12.0	21.5	22.5	1
ECWJ25185JW	1.8	26.5	13.0	22.5	22.5	1
ECWJ25205JW	2.0	26.5	14.0	23.0	22.5	1
ECWJ25225JW	2.2	31.5	12.5	22.0	27.5	1
ECWJ25255JW	2.5	31.5	13.5	23.0	27.5	1
ECWJ25285JW	2.8	31.5	14.5	24.0	27.5	1
ECWJ25305JW	3.0	31.5	15.5	24.5	27.5	1
ECWJ25355JW	3.5	31.5	16.5	26.0	27.5	1
ECWJ25405JW	4.0	31.5	17.5	27.0	27.5	1
ECWJ25455JW	4.5	37.0	17.0	26.0	32.5	1
ECWJ25505JW	5.0	37.0	17.5	27.0	32.5	1
ECWJ25555JW	5.5	37.0	18.5	28.0	32.5	1
ECWJ25605JW	6.0	37.0	19.5	29.5	32.5	1
ECWJ25655JW	6.5	37.0	20.0	30.0	32.5	1
ECWJ25705JW	7.0	40.5	19.5	29.5	30.0	2
ECWJ25805JW	8.0	40.5	21.0	31.0	30.0	2
ECWJ25905JW	9.0	40.5	20.5	30.5	35.0	2
ECWJ25106JW	10.0	40.5	22.0	31.5	35.0	2

● Rated voltage : 350VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L	T	H	F	
ECWJ35105JC	1.0	31.5	14.0	24.0	27.5	1
ECWJ35155JC	1.5	37.0	15.5	25.5	32.5	1
ECWJ35205JC	2.0	37.0	18.0	27.5	32.5	1
ECWJ35255JC	2.5	40.5	18.5	28.5	30.0	2

● Rated voltage : 430VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L	T	H	F	
ECWJ43105JC	1.0	37.0	16.0	25.0	32.5	1
ECWJ43155JC	1.5	37.0	19.5	29.0	32.5	1
ECWJ43205JC	2.0	40.5	20.5	30.5	30.0	2
ECWJ43255JC	2.5	45.5	21.0	31.0	35.0	2