



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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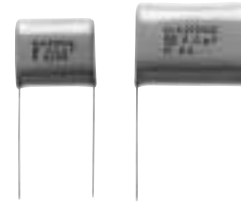
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=Equipped with a Safety Mechanism=
Metallized Polyester/Polypropylene Film Capacitor

Type: **ECHAX**



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

■ Features

- ◆ Excellent safety characteristics
- ◆ Flame-retardant epoxy resin coating
- ◆ Small and compact

■ Recommended Applications

- ◆ Motor running
- ◆ Fluorescent lamp ballast

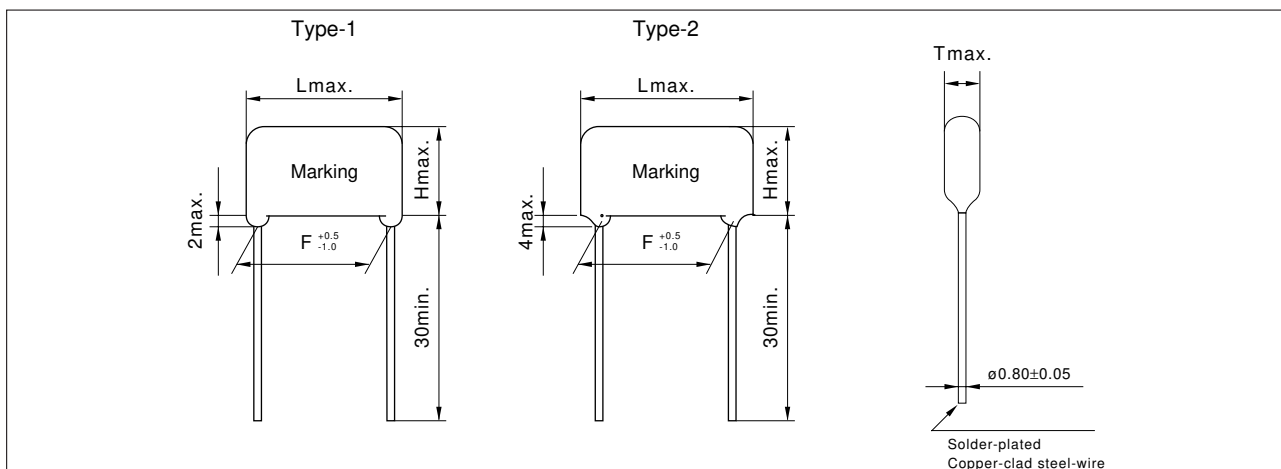
■ Explanation of Part Numbers

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

■ Specifications

Permissible temp. range	-25 to +70°C
Rated voltage	180VAC, 200VAC, 220VAC, 250VAC, 430VAC
Capacitance range	0.5 to 6.0µF
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 ^{max.}	T ^{max.}	H ^{max.}	F	
ECHA18504JX	0.5	26.5	7.5	16.5	22.5	1
ECHA18604JX	0.6	26.5	8.0	17.0	22.5	1
ECHA18704JX	0.7	26.5	8.5	17.5	22.5	1
ECHA18804JX	0.8	26.5	9.0	18.0	22.5	1
ECHA18904JX	0.9	26.5	9.5	18.5	22.5	1
ECHA18105JX	1.0	26.5	8.5	17.5	22.5	1
ECHA18125JX	1.2	26.5	9.0	18.0	22.5	1
ECHA18155JX	1.5	26.5	10.0	19.5	22.5	1
ECHA18185JX	1.8	26.5	11.0	20.5	22.5	1
ECHA18205JX	2.0	26.5	11.5	21.0	22.5	1
ECHA18225JX	2.2	26.5	12.0	21.5	22.5	1
ECHA18255JX	2.5	26.5	13.0	22.5	22.5	1
ECHA18285JX	2.8	26.5	13.5	23.0	22.5	1
ECHA18305JX	3.0	26.5	14.0	24.0	22.5	1
ECHA18355JX	3.5	31.5	13.5	23.0	27.5	1
ECHA18405JX	4.0	31.5	14.5	24.0	27.5	1
ECHA18455JX	4.5	31.5	15.5	25.0	27.5	1
ECHA18505JX	5.0	31.5	16.5	26.0	27.5	1
ECHA18555JX	5.5	37.0	15.5	25.0	32.5	1
ECHA18605JX	6.0	37.0	16.5	25.5	32.5	1

● Rated voltage : 200VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L ^{max.}	T ^{max.}	H ^{max.}	F	
ECHA20504JX	0.5	26.5	7.5	16.5	22.5	1
ECHA20604JX	0.6	26.5	8.0	17.0	22.5	1
ECHA20704JX	0.7	26.5	8.5	17.5	22.5	1
ECHA20804JX	0.8	26.5	9.0	18.0	22.5	1
ECHA20904JX	0.9	26.5	9.5	18.5	22.5	1
ECHA20105JX	1.0	26.5	9.0	18.0	22.5	1
ECHA20125JX	1.2	26.5	10.0	19.5	22.5	1
ECHA20155JX	1.5	26.5	11.0	20.5	22.5	1
ECHA20185JX	1.8	26.5	12.0	21.5	22.5	1
ECHA20205JX	2.0	26.5	13.0	22.0	22.5	1
ECHA20225JX	2.2	26.5	13.5	23.0	22.5	1
ECHA20255JX	2.5	26.5	14.5	24.0	22.5	1
ECHA20285JX	2.8	31.5	13.5	22.5	27.5	1
ECHA20305JX	3.0	31.5	13.5	23.0	27.5	1
ECHA20355JX	3.5	31.5	15.5	24.5	27.5	1
ECHA20405JX	4.0	31.5	16.5	25.5	27.5	1
ECHA20455JX	4.5	37.0	15.5	25.0	32.5	1
ECHA20505JX	5.0	37.0	16.5	26.0	32.5	1
ECHA20555JX	5.5	37.0	17.0	26.5	32.5	1
ECHA20605JX	6.0	37.0	18.0	27.5	32.5	1

- Rating & Dimensions
- Rated voltage : 220VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L _{max.}	T _{max.}	H _{max.}	F	
ECHA22504JX	0.5	26.5	8.0	17.0	22.5	1
ECHA22604JX	0.6	26.5	8.5	17.5	22.5	1
ECHA22704JX	0.7	26.5	9.0	18.0	22.5	1
ECHA22804JX	0.8	26.5	9.5	19.0	22.5	1
ECHA22904JX	0.9	26.5	10.5	19.5	22.5	1
ECHA22105JX	1.0	26.5	10.0	19.5	22.5	1
ECHA22125JX	1.2	26.5	11.0	20.5	22.5	1
ECHA22155JX	1.5	26.5	12.0	21.5	22.5	1
ECHA22185JX	1.8	26.5	13.5	22.5	22.5	1
ECHA22205JX	2.0	26.5	14.0	23.5	22.5	1
ECHA22225JX	2.2	31.5	13.0	22.0	27.5	1
ECHA22255JX	2.5	31.5	13.5	23.0	27.5	1
ECHA22285JX	2.8	31.5	14.5	24.5	27.5	1
ECHA22305JX	3.0	31.5	15.5	25.0	27.5	1
ECHA22355JX	3.5	31.5	16.5	26.0	27.5	1
ECHA22405JX	4.0	37.0	16.0	25.5	32.5	1
ECHA22455JX	4.5	37.0	17.0	26.5	32.5	1
ECHA22505JX	5.0	37.0	18.0	27.5	32.5	1
ECHA22555JX	5.5	37.0	19.0	28.0	32.5	1
ECHA22605JX	6.0	37.0	19.5	29.5	32.5	1

- Rated voltage : 250VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L _{max.}	T _{max.}	H _{max.}	F	
ECHA25504JX	0.5	26.5	9.5	18.5	22.5	1
ECHA25604JX	0.6	26.5	10.5	19.5	22.5	1
ECHA25704JX	0.7	26.5	11.0	20.5	22.5	1
ECHA25804JX	0.8	26.5	12.0	21.0	22.5	1
ECHA25904JX	0.9	26.5	12.5	22.0	22.5	1
ECHA25105JX	1.0	26.5	12.0	21.5	22.5	1
ECHA25125JX	1.2	26.5	13.0	22.5	22.5	1
ECHA25155JX	1.5	31.5	13.0	22.0	27.5	1
ECHA25185JX	1.8	31.5	14.0	23.5	27.5	1
ECHA25205JX	2.0	31.5	15.0	24.5	27.5	1
ECHA25225JX	2.2	31.5	16.0	25.5	27.5	1
ECHA25255JX	2.5	31.5	17.0	26.5	27.5	1
ECHA25285JX	2.8	37.0	16.0	25.5	32.5	1
ECHA25305JX	3.0	37.0	16.5	26.0	32.5	1
ECHA25355JX	3.5	37.0	18.0	27.5	32.5	1
ECHA25405JX	4.0	37.0	19.5	29.0	32.5	1
ECHA25455JX	4.5	40.5	19.0	29.0	30.0	2
ECHA25505JX	5.0	40.5	20.0	30.0	30.0	2
ECHA25555JX	5.5	40.5	21.0	31.0	30.0	2
ECHA25605JX	6.0	40.5	22.0	32.0	30.0	2

■ Rating & Dimensions

● Rated voltage : 430VAC

Part No.	Cap. (μ F)	Dimensions (mm)				Type
		L ^{max.}	T ^{max.}	H ^{max.}	F	
ECHA43504JX	0.5	31.5	13.5	23.0	27.5	1
ECHA43604JX	0.6	31.5	15.5	25.0	27.5	1
ECHA43704JX	0.7	31.5	16.5	26.0	27.5	1
ECHA43804JX	0.8	37.0	15.5	25.0	32.5	1
ECHA43904JX	0.9	37.0	16.5	26.0	32.5	1
ECHA43105JX	1.0	37.0	17.5	27.0	32.5	1
ECHA43125JX	1.2	37.0	19.0	28.5	32.5	1
ECHA43155JX	1.5	40.5	20.0	29.5	30.0	2
ECHA43185JX	1.8	45.5	20.0	30.0	35.0	2
ECHA43205JX	2.0	45.5	21.0	31.0	35.0	2
ECHA43225JX	2.2	45.5	22.0	32.0	35.0	2
ECHA43255JX	2.5	45.5	23.5	33.5	35.0	2