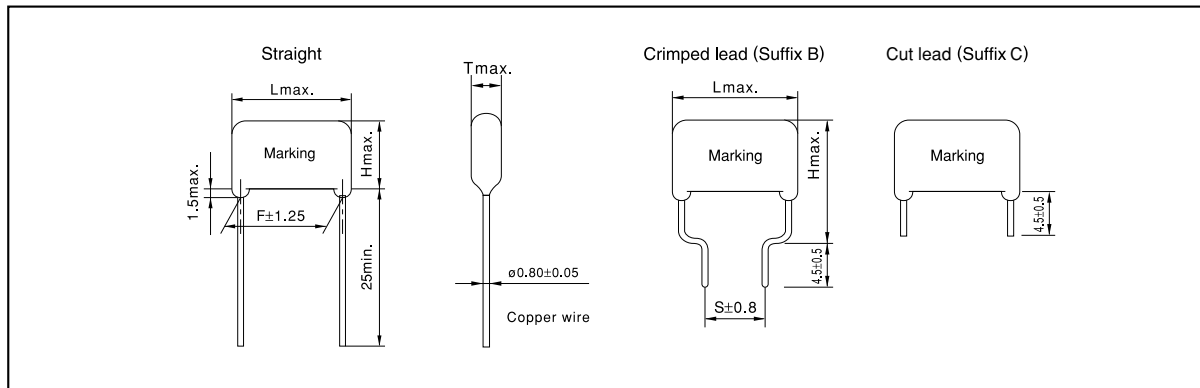




## ■ Dimensions in mm (not to scale)

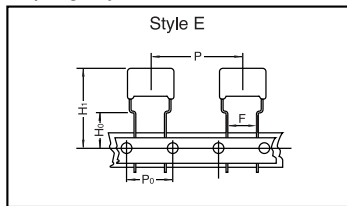


## ■ Packaging Specifications for Bulk Package

Packing quantity : 100 pcs./bag

## ■ Taping Specifications for Automatic Insertion

### ● Taping style



\*Refer to the page of taping specifications.

## ● Packaging Specifications

Type	Rated volt.	Cap. range (μF)	Taping style						Packing	suffix
			AD	AS	B	C	D	E		
ECWH(V)	1000 VDC	0.0075 to 0.10						○	Ammo	R( ) V
	1250 VDC	0.0036 to 0.051						○	Ammo	R( ) V
	1600 VDC	0.0013 to 0.020						○	Ammo	R( ) V
	2000 VDC	0.0010 to 0.015						○	Ammo	R( ) V

\*See the column "Rating, Dimensions & Quantity Box" for packing quantity.

## ● Lead Spacing

Style	Lead Spacing
E	7.5 mm

■ Rating & Dimensions

● Rated voltage : 1000 VDC. Capacitance tolerance :  $\pm 3\%$ (H),  $\pm 5\%$ (J)

Part No.	Cap. ( $\mu$ F)	Dimensions (mm)							Quantity	
		L <sub>max</sub>	T <sub>max</sub>	H <sub>max</sub>		F		S	ød	Taping 7.5 mm
				Straight	Crimped lead	Straight	Crimped lead	Crimped lead		
ECWH10752□V( )	0.0075	18.0	6.0	12.5	17.5	15.0	10.0	0.80	500	
ECWH10822□V( )	0.0082	18.0	6.0	12.5	17.5	15.0	10.0	0.80		
ECWH10912□V( )	0.0091	18.0	6.0	13.0	18.0	15.0	10.0	0.80		
ECWH10103□V( )	0.010	18.0	6.5	13.0	18.0	15.0	10.0	0.80		
ECWH10113□V( )	0.011	18.0	6.5	13.5	18.5	15.0	10.0	0.80		
ECWH10123□V( )	0.012	18.0	6.5	13.5	18.5	15.0	10.0	0.80		
ECWH10133□V( )	0.013	18.0	7.0	13.5	18.5	15.0	10.0	0.80		
ECWH10153□V( )	0.015	18.0	7.0	14.0	19.0	15.0	10.0	0.80		
ECWH10163□V( )	0.016	18.0	7.5	14.0	19.0	15.0	10.0	0.80		
ECWH10183□V( )	0.018	18.0	7.5	14.5	19.5	15.0	10.0	0.80		
ECWH10203□V( )	0.020	18.0	8.0	15.0	20.0	15.0	10.0	0.80	400	
ECWH10223□V( )	0.022	18.0	8.5	15.0	20.0	15.0	10.0	0.80		
ECWH10243□V( )	0.024	18.0	8.5	15.5	20.5	15.0	10.0	0.80		
ECWH10273□V( )	0.027	18.0	9.0	16.0	21.0	15.0	10.0	0.80	300	
ECWH10303□V( )	0.030	18.0	9.5	16.5	21.5	15.0	10.0	0.80	400	
ECWH10333□V( )	0.033	23.0	7.5	16.0	21.0	20.0	15.0	0.80		
ECWH10363□V( )	0.036	23.0	7.5	16.0	21.0	20.0	15.0	0.80		
ECWH10393□V( )	0.039	23.0	8.0	16.5	21.5	20.0	15.0	0.80		
ECWH10433□V( )	0.043	23.0	8.5	16.5	21.5	20.0	15.0	0.80		
ECWH10473□V( )	0.047	23.0	8.5	17.0	22.0	20.0	15.0	0.80		
ECWH10513□V( )	0.051	23.0	9.0	17.5	22.5	20.0	15.0	0.80	300	
ECWH10563□V( )	0.056	23.0	9.5	17.5	22.5	20.0	15.0	0.80		
ECWH10623□V( )	0.062	23.0	9.5	18.0	23.0	20.0	15.0	0.80		
ECWH10683□V( )	0.068	23.0	10.0	19.0	24.0	20.0	15.0	0.80		
ECWH10753□V( )	0.075	23.0	10.5	19.5	24.5	20.0	15.0	0.80		
ECWH10823□V( )	0.082	23.0	11.0	20.0	25.0	20.0	15.0	0.80		
ECWH10913□V( )	0.091	23.0	11.5	20.5	25.5	20.0	15.0	0.80		
ECWH10104□V( )	0.10	23.0	12.0	21.0	26.0	20.0	15.0	0.80		

### ■ Rating & Dimensions

● Rated voltage : 1250 VDC Capacitance tolerance :  $\pm 3\%$ (H),  $\pm 5\%$ (J)

Part No.	Cap. ( $\mu$ F)	Dimensions (mm)							Quantity	
		L <sub>max</sub>	T <sub>max</sub>	H <sub>max</sub>		F	S	$\phi$ d	Taping 7.5 mm	
				Straight	Crimped lead	Straight	Crimped lead			
ECWH12362□V( )	0.0036	18.0	6.0	12.5	17.5	15.0	10.0	0.80	500	
ECWH12392□V( )	0.0039	18.0	6.0	12.5	17.5	15.0	10.0	0.80		
ECWH12432□V( )	0.0043	18.0	6.0	13.0	18.0	15.0	10.0	0.80		
ECWH12472□V( )	0.0047	18.0	6.0	13.0	18.0	15.0	10.0	0.80		
ECWH12512□V( )	0.0051	18.0	6.5	13.0	18.0	15.0	10.0	0.80		
ECWH12562□V( )	0.0056	18.0	6.5	13.5	18.5	15.0	10.0	0.80		
ECWH12622□V( )	0.0062	18.0	6.5	13.5	18.5	15.0	10.0	0.80		
ECWH12682□V( )	0.0068	18.0	7.0	13.5	18.5	15.0	10.0	0.80		
ECWH12752□V( )	0.0075	18.0	7.0	14.0	19.0	15.0	10.0	0.80		
ECWH12822□V( )	0.0082	18.0	7.5	14.0	19.0	15.0	10.0	0.80		
ECWH12912□V( )	0.0091	18.0	7.5	14.5	19.5	15.0	10.0	0.80		
ECWH12103□V( )	0.010	18.0	8.0	15.0	20.0	15.0	10.0	0.80	400	
ECWH12113□V( )	0.011	18.0	8.5	15.0	20.0	15.0	10.0	0.80		
ECWH12123□V( )	0.012	18.0	8.5	15.5	20.5	15.0	10.0	0.80		
ECWH12133□V( )	0.013	18.0	9.0	15.5	20.5	15.0	10.0	0.80		
ECWH12153□V( )	0.015	18.0	9.5	16.0	21.0	15.0	10.0	0.80	500	
ECWH12163□V( )	0.016	23.0	7.5	16.0	21.0	20.0	15.0	0.80		
ECWH12183□V( )	0.018	23.0	7.5	16.0	21.0	20.0	15.0	0.80	400	
ECWH12203□V( )	0.020	23.0	8.0	16.5	21.5	20.0	15.0	0.80		
ECWH12223□V( )	0.022	23.0	8.5	16.5	21.5	20.0	15.0	0.80		
ECWH12243□V( )	0.024	23.0	8.5	17.0	22.0	20.0	15.0	0.80		
ECWH12273□V( )	0.027	23.0	9.0	17.5	22.5	20.0	15.0	0.80		
ECWH12303□V( )	0.030	23.0	9.5	18.0	23.0	20.0	15.0	0.80		
ECWH12333□V( )	0.033	23.0	10.0	18.5	23.5	20.0	15.0	0.80	300	
ECWH12363□V( )	0.036	23.0	10.0	19.0	24.0	20.0	15.0	0.80		
ECWH12393□V( )	0.039	23.0	10.5	19.5	24.5	20.0	15.0	0.80		
ECWH12433□V( )	0.043	23.0	11.0	20.0	25.0	20.0	15.0	0.80		
ECWH12473□V( )	0.047	23.0	11.5	20.5	25.5	20.0	15.0	0.80		
ECWH12513□V( )	0.051	23.0	12.0	21.0	26.0	20.0	15.0	0.80		
ECWH12563□V( )	0.056	28.0	11.5	20.0	25.0	25.0	17.5	0.80		—
ECWH12623□V( )	0.062	28.0	12.0	21.0	26.0	25.0	17.5	0.80		
ECWH12683□V( )	0.068	28.0	12.5	21.5	26.5	25.0	17.5	0.80		
ECWH12753□V( )	0.075	28.0	13.5	22.0	27.0	25.0	17.5	0.80		
ECWH12823□V( )	0.082	28.0	14.0	22.5	27.5	25.0	17.5	0.80		
ECWH12913□V( )	0.091	28.0	14.5	23.0	28.0	25.0	17.5	0.80		
ECWH12104□V( )	0.10	28.0	15.5	24.0	29.0	25.0	17.5	0.80		

↑ Suffix for lead crimped  
 — Cap. tol. code

### ■ Rating & Dimensions

● Rated voltage : 1600 VDC Capacitance tolerance :  $\pm 3\%$ (H),  $\pm 5\%$ (J)


Part No.	Cap. ( $\mu$ F)	Dimensions (mm)							Quantity	
		L <sub>max</sub>	T <sub>max</sub>	H <sub>max</sub>		F		S	$\phi$ d	Taping 7.5 mm
				Straight	Crimped lead	Straight	Crimped lead			
ECWH16132□V( )	0.0013	18.0	6.5	13.0	18.0	15.0	10.0	0.80	500	
ECWH16152□V( )	0.0015	18.0	6.5	13.5	18.5	15.0	10.0	0.80		
ECWH16162□V( )	0.0016	18.0	7.0	13.5	18.5	15.0	10.0	0.80		
ECWH16182□V( )	0.0018	18.0	7.0	14.0	19.0	15.0	10.0	0.80		
ECWH16202□V( )	0.0020	18.0	7.0	14.0	19.0	15.0	10.0	0.80		
ECWH16222□V( )	0.0022	18.0	6.5	13.5	18.5	15.0	10.0	0.80		
ECWH16242□V( )	0.0024	18.0	7.0	13.5	18.5	15.0	10.0	0.80		
ECWH16272□V( )	0.0027	18.0	7.0	14.0	19.0	15.0	10.0	0.80	400	
ECWH16302□V( )	0.0030	18.0	7.5	14.0	19.0	15.0	10.0	0.80		
ECWH16332□V( )	0.0033	18.0	7.5	14.5	19.5	15.0	10.0	0.80		
ECWH16362□V( )	0.0036	18.0	7.0	13.5	18.5	15.0	10.0	0.80	500	
ECWH16392□V( )	0.0039	18.0	7.0	14.0	19.0	15.0	10.0	0.80		
ECWH16432□V( )	0.0043	18.0	7.0	14.0	19.0	15.0	10.0	0.80		
ECWH16472□V( )	0.0047	23.0	6.5	14.5	19.5	20.0	15.0	0.80		
ECWH16512□V( )	0.0051	23.0	6.5	15.0	20.0	20.0	15.0	0.80		
ECWH16562□V( )	0.0056	23.0	6.5	15.0	20.0	20.0	15.0	0.80		
ECWH16622□V( )	0.0062	23.0	7.0	15.0	20.0	20.0	15.0	0.80		
ECWH16682□V( )	0.0068	23.0	7.0	15.5	20.5	20.0	15.0	0.80	400	
ECWH16752□V( )	0.0075	23.0	7.5	15.5	20.5	20.0	15.0	0.80		
ECWH16822□V( )	0.0082	23.0	7.5	16.0	21.0	20.0	15.0	0.80		
ECWH16912□V( )	0.0091	23.0	8.0	16.0	21.0	20.0	15.0	0.80	300	
ECWH16103□V( )	0.010	23.0	8.0	16.5	21.5	20.0	15.0	0.80		
ECWH16113□V( )	0.011	23.0	8.5	17.0	22.0	20.0	15.0	0.80		
ECWH16123□V( )	0.012	23.0	9.0	17.0	22.0	20.0	15.0	0.80		
ECWH16133□V( )	0.013	23.0	9.0	17.5	22.5	20.0	15.0	0.80		
ECWH16153□V( )	0.015	23.0	9.5	18.0	23.0	20.0	15.0	0.80		
ECWH16163□V( )	0.016	23.0	10.0	18.5	23.5	20.0	15.0	0.80		
ECWH16183□V( )	0.018	23.0	10.5	19.5	24.5	20.0	15.0	0.80	—	
ECWH16203□V( )	0.020	23.0	11.0	20.0	25.0	20.0	15.0	0.80		
ECWH16223□V( )	0.022	28.0	9.5	18.0	23.0	25.0	17.5	0.80		
ECWH16243□V( )	0.024	28.0	10.0	18.5	23.5	25.0	17.5	0.80		
ECWH16273□V( )	0.027	28.0	10.5	19.5	24.5	25.0	17.5	0.80		
ECWH16303□V( )	0.030	28.0	11.0	20.0	25.0	25.0	17.5	0.80		
ECWH16333□V( )	0.033	28.0	11.5	20.5	25.5	25.0	17.5	0.80		
ECWH16363□V( )	0.036	28.0	12.5	21.5	26.5	25.0	17.5	0.80		
ECWH16393□V( )	0.039	28.0	13.5	22.0	27.0	25.0	17.5	0.80		
ECWH16433□V( )	0.043	28.0	14.5	22.5	27.5	25.0	17.5	0.80		
ECWH16473□V( )	0.047	28.0	15.0	23.5	28.5	25.0	17.5	0.80		
ECWH16513□V( )	0.051	28.0	15.5	24.0	29.0	25.0	17.5	0.80		
ECWH16563□V( )	0.056	28.0	16.0	24.5	29.5	25.0	17.5	0.80		

Suffix for lead crimped  
 Cap. tol. code

### ■ Rating & Dimensions

● Rated voltage : 2000 VDC Capacitance tolerance :  $\pm 3\%$ (H),  $\pm 5\%$ (J)

Part No.	Cap. ( $\mu$ F)	Dimensions							Quantity	
		L <sub>max</sub>	T <sub>max</sub>	H <sub>max</sub>		F		S	$\phi$ d	Taping 7.5 mm
				Straight	Crimped lead	Straight	Crimped lead			
ECWH20102□V( )	0.0010	18.0	6.5	13.5	18.5	15.0	10.0	0.80	500	
ECWH20112□V( )	0.0011	18.0	6.5	13.5	18.5	15.0	10.0	0.80		
ECWH20122□V( )	0.0012	18.0	7.0	13.5	18.5	15.0	10.0	0.80		
ECWH20132□V( )	0.0013	18.0	7.0	14.0	19.0	15.0	10.0	0.80		
ECWH20152□V( )	0.0015	18.0	7.5	14.0	19.0	15.0	10.0	0.80	400	
ECWH20162□V( )	0.0016	18.0	7.5	14.5	19.5	15.0	10.0	0.80		
ECWH20182□V( )	0.0018	18.0	8.0	14.5	19.5	15.0	10.0	0.80		
ECWH20202□V( )	0.0020	18.0	8.0	15.0	20.0	15.0	10.0	0.80		
ECWH20222□V( )	0.0022	18.0	8.5	15.0	20.0	15.0	10.0	0.80	300	
ECWH20242□V( )	0.0024	18.0	8.5	15.5	20.5	15.0	10.0	0.80		
ECWH20272□V( )	0.0027	18.0	9.0	16.0	21.0	15.0	10.0	0.80		
ECWH20302□V( )	0.0030	18.0	9.5	16.0	21.0	15.0	10.0	0.80		
ECWH20332□V( )	0.0033	18.0	8.5	15.5	20.5	15.0	10.0	0.80	400	
ECWH20362□V( )	0.0036	18.0	9.0	15.5	20.5	15.0	10.0	0.80	300	
ECWH20392□V( )	0.0039	18.0	9.0	16.0	21.0	15.0	10.0	0.80		
ECWH20432□V( )	0.0043	18.0	9.5	16.0	21.0	15.0	10.0	0.80	500	
ECWH20472□V( )	0.0047	23.0	7.0	15.5	20.5	20.0	15.0	0.80		
ECWH20512□V( )	0.0051	23.0	7.5	16.0	21.0	20.0	15.0	0.80	400	
ECWH20562□V( )	0.0056	23.0	7.5	16.0	21.0	20.0	15.0	0.80		
ECWH20622□V( )	0.0062	23.0	8.0	16.5	21.5	20.0	15.0	0.80		
ECWH20682□V( )	0.0068	23.0	8.5	16.5	21.5	20.0	15.0	0.80		
ECWH20752□V( )	0.0075	23.0	9.5	18.0	23.0	20.0	15.0	0.80	300	
ECWH20822□V( )	0.0082	23.0	10.0	18.0	23.0	20.0	15.0	0.80		
ECWH20912□V( )	0.0091	23.0	10.0	19.0	24.0	20.0	15.0	0.80		
ECWH20103□V( )	0.010	23.0	10.5	19.5	24.5	20.0	15.0	0.80		
ECWH20113□V( )	0.011	23.0	11.0	20.0	25.0	20.0	15.0	0.80		
ECWH20123□V( )	0.012	23.0	11.5	20.5	25.5	20.0	15.0	0.80		
ECWH20133□V( )	0.013	23.0	12.0	21.0	26.0	20.0	15.0	0.80		
ECWH20153□V( )	0.015	23.0	12.0	21.5	26.5	20.0	15.0	0.80		


 Suffix for lead crimped  
 Cap. tol. code