

## Ripple Current Frequency Coefficient

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Series	Capacitance:C( $\mu$ F)	Frequency:f(Hz)			
		100 $\leq$ f<1k	1k $\leq$ f<10k	10k $\leq$ f<100k	100k $\leq$ f
CE-LD CE-FSS, CE-FS(6.3 to 100V) CE-LH(6.3 to 50V), CE-FN	C $\leq$ 4.7	1.00	1.30	1.50	1.80
	4.7<C $\leq$ 33	1.00	1.20	1.30	1.45
	33<C	1.00	1.10	1.20	1.30
CE-AX CE-LX CE-ZX	C $\leq$ 33	0.35	0.70	0.90	1.00
	33<C $\leq$ 150	0.40	0.85	0.92	1.00
	150<C	0.60	0.85	0.95	1.00
CE-ZC	ALL	0.55	0.80	0.85	1.00
CE-GA	C $\leq$ 1	0.07	0.55	0.85	1.00
	1<C $\leq$ 4.7	0.25	0.60	0.90	1.00
	4.7<C $\leq$ 47	0.45	0.75	0.92	1.00
	47<C	0.60	0.85	0.92	1.00
CE-LS, CE-LL CE-LF, CE-PC	C $\leq$ 22	0.50	0.80	0.90	1.00
	22<C $\leq$ 150	0.65	0.85	0.92	1.00
	150<C	0.70	0.85	0.95	1.00
CE-PH, CE-PF, CE-PL CE-PS, CE-TH, CE-JX	C $\leq$ 10	0.50	0.80	0.90	1.00
	10<C	0.60	0.85	0.93	1.00

Series	Capacitance:C( $\mu$ F)	Frequency:f(Hz)		
		100 $\leq$ f<1k	1k $\leq$ f<10k	10k $\leq$ f
ME-FC, ME-FD, ME-FH ME-SWN, ME-HWN	C<100	1.00	1.30	1.50
	100 $\leq$ C<1000	1.00	1.20	1.30
	1000 $\leq$ C	1.00	1.13	1.15
ME-CX ME-AX	C $\leq$ 68	0.50	0.80	1.00
	68<C $\leq$ 220	0.55	0.85	1.00
	220<C $\leq$ 1000	0.65	0.90	1.00
	1000<C	0.75	0.90	1.00
ME-CZ ME-CA ME-FX	C $\leq$ 1	0.20	0.60	1.00
	1<C $\leq$ 47	0.50	0.80	1.00
	47<C $\leq$ 220	0.55	0.85	1.00
	220<C $\leq$ 1000	0.65	0.90	1.00
1000<C	0.75	0.90	1.00	

Series	Capacitance:C( $\mu$ F)	Frequency:f(Hz)			
		100 $\leq$ f<1k	1k $\leq$ f<10k	10k $\leq$ f<100k	100k $\leq$ f
ME-SZ ME-LS	C $\leq$ 4.7	0.50	0.65	0.95	1.00
	4.7<C $\leq$ 33	0.60	0.75	0.95	1.00
	33<C	0.75	0.85	0.95	1.00
ME-WX ME-WA ME-WL	C $\leq$ 33	0.40	0.65	0.90	1.00
	33<C $\leq$ 1200	0.50	0.80	0.93	1.00
	1200<C	0.60	0.85	0.96	1.00
ME-WG	C $\leq$ 820	0.45	0.80	0.94	1.00
	820<C $\leq$ 1800	0.50	0.85	0.96	1.00
	1800<C	0.55	0.88	0.98	1.00
ME-SWG	C $\leq$ 56	0.22	0.45	0.65	1.00
	56<C	0.28	0.50	0.65	1.00

Series	Capacitance:C( $\mu$ F)	Frequency:f(Hz)				
		50	120	300	1k	10k $\leq$ f
CE-FS(160 to 400V) CE-LH(160 to 400V)	ALL	0.75	1.00	1.20	1.30	1.50

Please refer to page 20 for Ripple Current Frequency Coefficient of EP-cap.

Please contact us for CE-PB series.