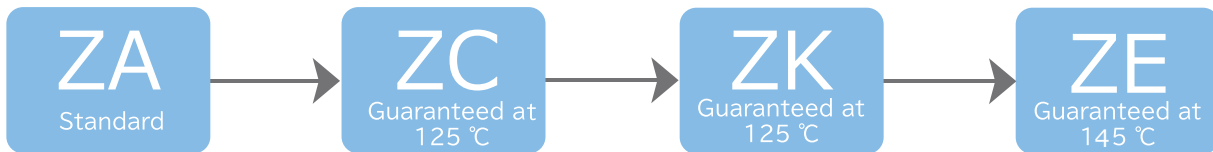


### Line up

Series	Part No.	Features	Small size	Low profile	Low ESR	Long life	Category temperature range (°C)	Rated voltage (V.DC)	ESR (mΩ)	Capacitance (μF)	Size code	Size (mm)	
												φD	L
ZA	EEHZA---	Low ESR High ripple current Long life 105°C 10000 h	●		●	●	-55 to 105	25 to 50	80 to 120	10 to 33	C	5	5.8
								25 to 63	50 to 120	10 to 56	D	6.3	5.8
									30 to 80	22 to 100	D8	6.3	7.7
								25 to 80	27 to 45	22 to 220	F	8	10.2
								20 to 36	33 to 330	G	10	10.2	
ZC	EEHZC---	Low ESR High ripple current Long life 125°C 4000 h	●		●	●	-55 to 125	25 to 50	80 to 120	10 to 33	C	5	5.8
								25 to 63	50 to 120	10 to 56	D	6.3	5.8
									30 to 80	22 to 100	D8	6.3	7.7
								25 to 80	27 to 45	22 to 220	F	8	10.2
								20 to 36	33 to 330	G	10	10.2	
ZK	EEHZK---	Large capacitance High ripple current Long life 125°C 4000 h	●		●	●	-55 to 125	25 to 35	80 to 100	33 to 47	C	5	5.8
									50 to 60	56 to 68	D	6.3	5.8
									30 to 35	100 to 150	D8	6.3	7.7
									27	180 to 270	F	8	10.2
								20	330 to 470	G	10	10.2	
ZE	EEHZE---	High tem. / High ripple current Long life / 145°C 2000 h			●	●	-55 to 125	25 to 63	27 to 40	33 to 220	F	8	10.2
									20 to 30	56 to 330	G	10	10.2

### Diagram



### Size • ESR Matrix list

V.DC	Series	μF															
		10	22	27	33	47	56	68	100	120	150	180	220	270	330	470	
25	ZA				C (80)		D (50)		D8 (30)				F (27)		G (20)		
	ZC				C (80)		D (50)		D8 (30)				F (27)		G (20)		
	ZK					C (80)		D (50)			D8 (30)			F (27)		G (20)	
	ZE												F (27)		G (20)		
35	ZA		C (100)	D (60)		D (60)		D8 (35)				F (27)		G (20)			
	ZC		C (100)			D (60)		D8 (35)				F (27)		G (20)			
	ZK				C (100)		D (60)		D8 (35)			F (27)		G (20)			
	ZE										F (27)		G (20)				
50	ZA	C (120)	D (80)		D8 (40)			F (30)	G (28)								
	ZC	C (120)	D (80)		D8 (40)			F (30)	G (28)	G (28)							
	ZE							F (30)	G (28)								
63	ZA	D (120)	D8 (80)		F (40)		G (30)										
	ZC	D (120)	D8 (80)		F (40)		G (30)	G (30)									
	ZE				F (40)		G (30)										
80	ZA		F (45)		G (36)												
	ZC		F (45)		G (36)	G (36)											

Size code (ESR mΩ)

Size code

C	φ 5 x L5.8	F	φ 8 x L10.2
D	φ 6.3 x L5.8	G	φ 10 x L10.2
D8	φ 6.3 x L7.7		

(Unit : mm)