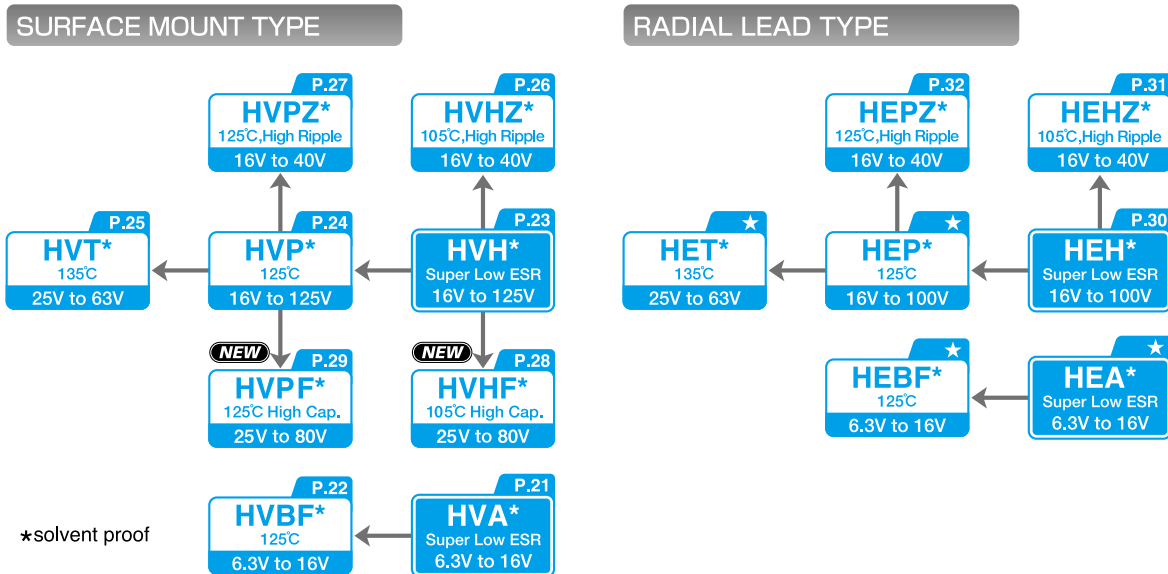


Series Line-up

Series Line-up of Aluminum Electrolytic Capacitors with Hybrid Conductive Polymer

Classification	Series	Page	Features	Performance Indicators				Category Temperature Range(°C)	Rated Voltage Range(V.DC)	Rated Capacitance Range(μF)	External Appearance	Marking Color
				Small & Thin type	Low ESR	Long Life	Solvent Proof					
Surface Mount Type	H V A	21	Super Low ESR		●	●	●	-55 to +105	6.3 to 16	10 to 1000	—	Blue
	H V B F	22	125°C		●	●	●	-55 to +125	6.3 to 16	33 to 1000	—	Blue
	H V H	23	Super Low ESR		●	●	●	-55 to +105	16 to 125	6.8 to 560	—	Blue
	H V P	24	125°C		●	●	●	-55 to +125	16 to 125	6.8 to 560	—	Blue
	H V T	25	135°C		●	●	●	-55 to +135	25 to 63	10 to 330	—	Blue
	H V H Z	26	105°C High Ripple		●		●	-55 to +105	16 to 40	18 to 560	—	Blue
	H V P Z	27	125°C High Ripple		●	●	●	-55 to +125	16 to 40	18 to 560	—	Blue
	NEW H V H F	28	105°C High Capacitance	●	●	●	●	-55 to +105	25 to 80	10 to 470	—	Blue
	NEW H V P F	29	125°C High Capacitance	●	●	●	●	-55 to +125	25 to 80	10 to 470	—	Blue
Radial Lead Type	H E A ★	★	Super Low ESR		●	●	●	-55 to +105	6.3 to 16	47 to 1000	—	Blue
	H E B F ★	★	125°C		●	●	●	-55 to +125	6.3 to 16	100 to 1000	—	Blue
	H E H	30	Super Low ESR		●	●	●	-55 to +105	16 to 100	10 to 560	—	Blue
	H E P ★	★	125°C		●	●	●	-55 to +125	16 to 100	10 to 560	—	Blue
	H E T ★	★	135°C		●	●	●	-55 to +135	25 to 63	10 to 330	—	Blue
	H E H Z	31	105°C High Ripple		●		●	-55 to +105	16 to 40	27 to 560	—	Blue
	H E P Z	32	125°C High Ripple		●		●	-55 to +125	16 to 40	27 to 560	—	Blue

Series Chart



Please refer to <http://www.sunelec.co.jp> for the information where ★ marking is indicated.

Series Line-up

Series Line-up of Surface Mount Type

Classification	Series	Page	Features	Small & Thin type	Low Impedance	Long Life	Solvent Proof	Category Temperature Range(°C)	Rated Voltage Range(V.DC)	Rated Capacitance Range(μF)	External Appearance	Marking Color	
				●	●	●	●						
Surface Mount Type	CE-BE	34	Super Low Profile 3.9mm Height	●			●	-40 to +85	4 to 50	1.0 to 180	—	Black	
	CE-BD	35	Low Profile 4.5mm Height	●			●	-40 to +85	4 to 50	0.47 to 220	—	Black	
	CE-BS	36	Standard				●	-40 to +85	4 to 100	0.47 to 6800	—	Black	
	CE-BSS	38	Small, Standard	●			●	-40 to +85	6.3 to 50	4.7 to 220	—	Black	
	CE-FE	39	105°C 3.9mm Height	●			●	-40 to +105	6.3 to 50	1.0 to 100	—	Black	
	CE-FD	★	105°C 4.5mm Height	●			●	-40 to +105	6.3 to 50	0.47 to 100	—	Black	
	CE-LD	40	4.5mm Height, Long Life	●		●	●	-40 to +105	6.3 to 50	0.47 to 100	—	Black	
	CE-FU	41	High Temperature, Reflow Soldering	●			●	-55 to +105	6.3 to 50	1.0 to 100	—	Black	
	CE-FS	42	105°C, Standard				●	-55 to +105	6.3 to 63	0.47 to 12000	—	Black	
		44					●	-40 to +105	100	1.0 to 330			
	CE-FSS	45	105°C Small High Capacitance	●			●	-40 to +105	6.3 to 50	4.7 to 220	—	Black	
	CE-FH	46	Long Life			●	●	-40 to +105	6.3 to 50	1.0 to 4700	—	Black	
	CE-GA	47	5.4mm Height, Low Impedance		●		●	-55 to +105	6.3 to 63	1.0 to 220	—	Black	
	CE-AX	48	Low Impedance		●		●	-55 to +105	6.3 to 50	4.7 to 6800	—	Black	
	CE-KX	50	Super Low Impedance		●		●	-55 to +105	6.3 to 100	2.2 to 6800	—	Black	
	NEW	CE-ZX	52	Super Low ESR		●		●	-55 to +105	6.3 to 50	33 to 1800	—	Black
	NEW	CE-ZC	53	Super Low ESR Small, High Capacitance	●	●		●	-55 to +105	25 to 35	330 to 820	—	Black
	CE-LX	54	Low Impedance, Long Life		●	●	●	-55 to +105	6.3 to 100	4.7 to 12000	—	Black	
	CE-LS	56	Low Impedance, Long Life		●	●	●	-40 to +105	6.3 to 50	10 to 330	—	Black	
	CE-LH	57	Long Life			●	●	-40 to +105	6.3 to 50	1.0 to 220	—	Black	
		58				●		-40 to +105	160 to 400	2.2 to 120			
	CE-LL	59	Low Impedance, Long Life		●	●	●	-25 to +105	6.3 to 50	10 to 1000	—	Black	
	CE-PC	60	125°C			●	●	-55 to +125	6.3 to 100	2.2 to 4700	—	Black	
	UP GRADE	CE-PH	62	125°C Low ESR, High Capacitance		●	●	●	-40 to +125	16 to 50	10 to 3900	—	Black
	NEW	CE-PS	64	125°C High Capacitance	●			●	-40 to +125	25 to 35	100 to 470	—	Black
		CE-PF	65	125°C Long Life, High Ripple		●	●	●	-40 to +125	25 to 35	100 to 330	—	Black
	NEW	CE-TH	66	135°C			●	●	-40 to +135	16 to 35	47 to 1000	—	Black
	CE-NP	67	Bi-polar				●	-40 to +85	6.3 to 50	1.0 to 100	—	Black	
CE-FN	68	105°C Bi-polar				●	-55 to +105	6.3 to 63	1.0 to 47	—	Black		

Please refer to <http://www.sunelec.co.jp> for the information where ★ marking is indicated.

Series Line-up

Series Line-up of Radial Lead Type

Classification	Series	Page	Features	Small & Thin type	Low Impedance	Long Life	Solvent Proof	Category Temperature Range(°C)	Rated Voltage Range(V.DC)	Rated Capacitance Range(μF)	External Appearance	Marking Color	
				●	●	●	●						
Radial Lead Type	ME-UW	★	5mm Height	●			●	-40 to +85	4 to 50	10 to 330	Black	White	
	ME-SWB	69	7mm Height	●			●	-40 to +85	4 to 63	1.0 to 470	Black	White	
	ME-UZ	70	5mm Height, Temperature of Wide Range	●			●	-55 to +105	6.3 to 50	10 to 220	Green	White	
	ME-SZ	70	7mm Height, Temperature of Wide Range	●			●	-55 to +105	6.3 to 50	1.0 to 330	Green	White	
	ME-UAX	71	5mm Height, Low Impedance	●	●		●	-55 to +105	6.3 to 35	33 to 220	Green	Gold	
	ME-SAX	71	7mm Height, Low Impedance	●	●		●	-55 to +105	6.3 to 35	4.7 to 330	Green	Gold	
	ME-SWG	72	7mm Height, Low ESR	●	●			-40 to +105	6.3 to 35	22 to 330	Black	Gold	
	ME-HC	73	Standard	●			●	-40 to +85	6.3 to 100	2.2 to 15000	Black	White	
	ME-CZ	74	Small, Standard, Temperature of Wide Range	●			●	-55 to +105	6.3 to 100	2.2 to 15000	Green	White	
	ME-CA	76	Small, Standard, Low Impedance	●	●		●	-55 to +105	6.3 to 50	2.2 to 15000	Green	Silver	
	ME-CX	78	Small, Low Impedance	●	●		●	-55 to +105	6.3 to 35	47 to 15000	Green	Gold	
	ME-AX	80	Low Impedance, Long Life		●	●	●	-55 to +105 -40 to +105	6.3 to 63 100	4.7 to 12000 5.6 to 470	Green	Gold	
	ME-WX	82	Low Impedance-High Ripple		●			-40 to +105	6.3 to 50	22 to 6800	Green	Gold	
	ME-WA	84	Low Impedance-High Ripple, Long Life		●	●		-40 to +105	6.3 to 50	100 to 8200	Black	Gold	
	ME-WL	86	Low Impedance, Long Life	●	●	●		-40 to +105	6.3 to 100	2.2 to 470	Green	Silver	
	ME-WG	87	Super Low ESR		●			-40 to +105	6.3 to 25	220 to 3300	Green	Gold	
	ME-LS	88	Long Life, High Reliability		●	●	●	-40 to +105	6.3 to 50	1.0 to 1000	Black	Silver	
	NEW	ME-FX	89	Long Life			●	●	-40 to +105	10 to 100	2.2 to 470	Black	White
		ME-PX	90	125°C		●	●	●	-55 to +125	10 to 100	10 to 4700	Clear Green	Black
		ME-HPC	91	Standard (Mid. & High Voltage)					-40 to +85 -25 to +85	160 to 250 350 to 450	0.47 to 220 1.0 to 100	Black	White
	ME-HPD	91	Low Profile (Mid. & High Voltage)					-40 to +85 -25 to +85	160 to 250 350 to 450	47 to 220 10 to 68	Black	White	
	ME-FC	92	Guaranteed 105°C (Mid. & High Voltage)					-40 to +105 -25 to +105	160 to 400 450	0.47 to 220 22 to 47	Black	White	
	ME-FD	92	105°C, Low Profile (Mid. & High Voltage)					-40 to +105 -25 to +105	160 to 400 450	22 to 220 10 to 33	Black	White	
	ME-FH	93	105°C, Long Life (Mid. & High Voltage)			●		-40 to +105 -25 to +105	160 to 400 450	4.7 to 220 6.8 to 68	Black	White	
	ME-SWN	94	7mm Height, Bi-polar	●			●	-40 to +85	6.3 to 50	1.0 to 47	Black	White	
	ME-HWN	95	Small, Standard, Bi-polar	●			●	-40 to +85	6.3 to 100	1.0 to 2200	Black	White	

Please refer to <http://www.sunelec.co.jp> for the information where ★ marking is indicated.