

Product Line-up Table

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Product Line-up Table of Aluminum Electrolytic Capacitors with Hybrid Semiconductor

Classification	Series	Features	Small & Thin type	Low ESR	Long Life	Solvent Proof	Category Temperature Range(°C)	Rated Voltage Range(V.DC)	Rated Capacitance Range(μF)	External Appearance	Marking Color	Page
NEW H V P	125°C		●	●	●	-55 to +125	25 to 63	3.9 to 270	—	Blue	18	

Product Line-up Table of Aluminum Electrolytic Capacitors with Hybrid Electrolyte

Classification	Series	Features	Small & Thin type	Low ESR	Long Life	Solvent Proof	Category Temperature Range(°C)	Rated Voltage Range(V.DC)	Rated Capacitance Range(μF)	External Appearance	Marking Color	Page

Product Line-up Table of Surface Mount Type

Classification	Series	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	Page		
													Surface Mount Type	
CE-BE	Super Low Profile 3.9mm Height	●		●	-40 to +85	4 to 50	1.0 to 180	—	Black	21				
CE-BD	Low Profile 4.5mm Height	●		●	-40 to +85	4 to 50	0.1 to 220	—	Black	22				
CE-BSS	Miniature, Standard	●		●	-40 to +85	6.3 to 50	4.7 to 220	—	Black	23				
CE-C	φ3mm Version	●		●	-40 to +85	4 to 50	0.1 to 22	—	Black	24				
CE-BS	Standard			●	-40 to +85	4 to 100	0.1 to 6800	—	Black	24				
CE-FE	3.9mm Height Temperature of Wide Range	●		●	-40 to +105	6.3 to 50	1.0 to 100	—	Black	25				
CE-FD	4.5mm Height Temperature of Wide Range	●		●	-40 to +105	6.3 to 50	0.1 to 100	—	Black	26				
NEW CE-LD	4.5mm Height Long Life			●	●	-40 to +105	6.3 to 50	0.1 to 100	—	Black	27			
CE-FS	105°C, Standard				●	-55 to +105	6.3 to 63	0.1 to 6800	—	Black	28			
					●	-40 to +105	100	1.0 to 150			28			
					●	-40 to +105	160 to 400	2.2 to 82			29			
CE-FH	Long Life			●	●	-40 to +105	6.3 to 50	0.1 to 4700	—	Black	30			
CE-GA	5.4mm Height Super Low Impedance		●		●	-55 to +105	6.3 to 63	0.47 to 100	—	Black	31			
CE-AX	Low Impedance, High-Reliability		●		●	-55 to +105	6.3 to 50	4.7 to 6800	—	Black	32			
CE-KX	Super Low Impedance		●		●	-55 to +105	6.3 to 100	4.7 to 6800	—	Black	33			
CE-LS	Low Impedance, Long Life		●	●	●	-40 to +105	6.3 to 50	1.0 to 330	—	Black	34			
NEW CE-LH	Long Life				●	●	-40 to +105	6.3 to 50	0.1 to 220	—	Black	35		
					●		-40 to +105	160 to 400	2.2 to 82			36		
CE-LX	Low Impedance, Long Life		●		●	-55 to +105	6.3 to 50	4.7 to 6800	—	Black	37			
UP GRADE CE-PC	125°C, Long Life				●	●	-40 to +125	6.3 to 100	1.0 to 4700	—	Black	38		
CE-PX	125°C				●	●	-40 to +125	6.3 to 50	33 to 1500	—	Black	★		
NEW CE-PH	125°C, Low ESR, Hi-Ripple		●	●	●	-40 to +125	16 to 35	160 to 1500	—	Black	39			
CE-NP	Bi-polar				●	-40 to +85	6.3 to 50	0.1 to 47	—	Black	40			
CE-FN	Bi-polar Temperature of Wide Range				●	-55 to +105	6.3 to 63	0.1 to 47	—	Black	41			

Product Line-up Table of Radial Lead Type

Classification	Series	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	Page	
													Radial Lead Type
ME-UWA	5mm Height Miniature, Standard	●		●	-40 to +85	6.3 to 50	0.1 to 100	Black	White	43			
ME-SWB	7mm Height	●		●	-40 to +85	4 to 63	0.1 to 470	Black	White	44			
ME-HC	Standard	●		●	-40 to +85	6.3 to 100	0.1 to 15000	Black	White	45			
ME-HPC	Miniature, Standard (Mid. & High Voltage)		●			-40 to +85	160 to 250	0.47 to 220	Black	White	46		
						-25 to +85	350 to 450	0.47 to 100			46		
ME-HPD	Miniature, Low Profile (Mid. & High Voltage)	●				-40 to +85	160 to 250	47 to 220	Black	White	46		
						-25 to +85	350 to 450	10 to 68					

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Product Line-up Table of Radial Lead Type

Classification	Series	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	Page
Radial Lead Type	ME-UZ	5mm Height, Temperature of Wide Range	●			●	-55 to +105	6.3 to 50	0.1 to 220	Green	White	47
	ME-SZ	7mm Height, Temperature of Wide Range	●			●	-55 to +105	6.3 to 50	0.1 to 330	Green	White	47
	ME-CZ	Miniature, Standard Temperature of Wide Range	●			●	-55 to +105	6.3 to 100	0.1 to 15000	Green	White	48
	ME-UAX	5mm Height, Low Impedance	●	●		●	-55 to +105	6.3 to 35	4.7 to 220	Green	Gold	50
	ME-SAX	7mm Height, Low Impedance	●	●		●	-55 to +105	6.3 to 35	4.7 to 330	Green	Gold	50
	NEW ME-LS	Long Life, High-Reliability		●	●	●	-40 to +105	6.3 to 50	1.0 to 1000	Black	Silver	51
	ME-CA	Miniature, Standard Low Impedance	●	●		●	-55 to +105	6.3 to 50	0.47 to 15000	Green	Silver	52
	ME-CX	Miniature, Low Impedance	●	●		●	-55 to +105	6.3 to 35	47 to 15000	Green	Gold	54
	ME-AX	Low Impedance, High-Reliability		●	●	●	-55 to +105 -40 to +105	6.3 to 63 100	0.47 to 12000 5.6 to 470	Green	Gold	56
	ME-WX	Low Impedance•High Ripple		●			-40 to +105	6.3 to 50	22 to 6800	Green	Gold	58
	NEW ME-WA	Low Impedance •High Ripple Long Life		●	●		-40 to +105	6.3 to 35	220 to 8200	Black	Gold	60
	MB-UWG	5mm Height, Low ESR	●	●			-40 to +105	6.3 to 25	39 to 150	—	Black	62
	ME-SWG	7mm Height, Low ESR	●	●			-40 to +105	6.3 to 35	22 to 330	Black	Gold	63
	ME-WG	Super Low ESR		●			-40 to +105	6.3 to 25	220 to 3300	Green	Gold	64
	ME-FZ	Extra Long Life, High Performance		●	●	●	-55 to +105	10 to 50	10 to 4700	Black	Silver	★
	ME-PX	125°C, High Performance		●	●	●	-55 to +125	10 to 100	1.0 to 4700	Clear Green	Black	65
					●		-40 to +125	160 to 250	10 to 150			66
					●		-25 to +125	350 to 400	4.7 to 47			66
	ME-FC	Miniature, Guaranteed 105°C (Mid. & High Voltage)	●				-40 to +105 -25 to +105	160 to 400 450	0.47 to 220 1.0 to 47	Black	White	67
	ME-FD	105°C, Miniature, Low Profile (Mid. & High Voltage)	●				-40 to +105 -25 to +105	160 to 400 450	22 to 220 10 to 33	Black	White	67
ME-FAZ	High Ripple (Mid. Voltage)		●			-40 to +105	160 to 250	1.0 to 220	Black	White	68	
UP GRADE ME-FH	105°C, Long Life (Mid. & High Voltage)			●		-40 to +105 -25 to +105	160 to 400 450	10 to 220 6.8 to 47	Black	White	69	
ME-HLB	Low Leakage Current					-40 to +85	16 to 50	0.1 to 100	Blue	Black	★	
ME-HT	Timer Circuit Use					-40 to +85	10 to 50	1.0 to 2200	Green	Black	★	
ME-UWN	5mm Height, Bi-polar	●			●	-40 to +85	6.3 to 50	0.1 to 47	Black	White	70	
ME-SWN	7mm Height, Bi-polar	●			●	-40 to +85	6.3 to 50	0.1 to 47	Black	White	71	
ME-HWN	Miniature, Standard, Bi-polar	●			●	-40 to +85	6.3 to 100	0.47 to 2200	Black	White	72	

Product Line-up Table of Snap-in Type

Classification	Series	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	Page
Snap-in Type	PE-HC	Standard					-40 to +85 -25 to +85	10 to 250 315 to 450	56 to 82000	Black	White	★
	PE-HD	Miniaturized	●				-40 to +85 -25 to +85	160 to 250 400 to 450	68 to 3300	Black	White	★
	PE-EC	105°C Standard					-40 to +105 -25 to +105	10 to 100 160 to 450	47 to 82000	Black	White	★
	PE-ED	105°C Smaller in Size	●				-25 to +105	160 to 450	56 to 2700	Black	White	★
	PE-EF	Guaranteed for 5000 hours at 105°C			●		-25 to +105	200 to 450	82 to 2200	Black	White	★
	PE-EG	Guaranteed for 7000 hours at 105°C			●		-25 to +105	160 to 450	39 to 2200	Black	White	★
	PE-ES	105°C Low Profile	●				-40 to +105 -25 to +105	10 to 100 160 to 450	27 to 10000	Black	White	★

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