

OS-CON Line-up table Aluminum Solid Capacitors with Conductive Polymer

Classification	Series	Page	Features	Small size · Low profile	High capacitance	Low ESR	High voltage	Long life	Size code	Category temperature range (°C)	Rated voltage range (V.DC)	Capacitance range (μF)	External appearance	Marking color		
				●	●	●	●	●								
Conductive polymer electrolyte	SMD type	New SVPF	32	Small size · Low profile High voltage High capacitance	●	●	●			C45	-55 to +105	25	15	—	Purple	
										C6	-55 to +105	25	47			
		SVPE	33	Super low ESR High capacitance	●	●					B6	-55 to +105	2.5 to 6.3	150 to 330	—	Purple
										C45	-55 to +105	2.5 to 6.3	220 to 330			
										C6	-55 to +105	2.5 to 6.3	220 to 390			
										F12	-55 to +105	16	470			
		SVPS	34 to 35	Long life					●		A5	-55 to +105	4.0 to 10	10 to 33	—	Purple
										B6	-55 to +105	4.0 to 16	22 to 68			
										C6	-55 to +105	4.0 to 20	22 to 150			
										E7	-55 to +105	4.0 to 25	10 to 270			
		SVPD	36 to 37	Guaranteed at 125°C Rated 35V max. 85°C85% RH					●	●	C6	-55 to +125	10 to 25	10 to 56	—	Purple
										E7	-55 to +125	16 to 35	8.2 to 82			
										F8	-55 to +125	25 to 35	18 to 39			
										E12	-55 to +125	25 to 35	22 to 47			
		SVPC	38 to 39	Super low ESR High capacitance	●	●					B6	-55 to +105	2.5 to 16	39 to 180	—	Purple
										C6	-55 to +105	2.5 to 16	68 to 560			
										E7	-55 to +105	2.5 to 16	120 to 680			
										E12	-55 to +105	2.5 to 16	270 to 1,500			
	SVPB	40 to 41	Low profile	●						C5	-55 to +105	2.5 to 20	15 to 120	—	Purple	
									C55	-55 to +105	20	22				
	SVPA	42 to 43	Low ESR Large ripple current			●				B6	-55 to +105	2.5 to 20	10 to 82	—	Purple	
									C6	-55 to +105	2.5 to 20	22 to 180				
									E7	-55 to +105	2.5 to 20	47 to 330				
									F8	-55 to +105	2.5 to 16	180 to 820				
	SVQP	44 to 45	Guaranteed at 125°C					●		C6	-55 to +125	4.0 to 20	22 to 150	—	Purple	
									E7	-55 to +125	6.3 to 20	47 to 220				
	SVP	46 to 47	Standard							A5	-55 to +105	4.0 to 16	3.3 to 33	—	Purple	
									B6	-55 to +105	4.0 to 20	10 to 68				
									C6*1	-55 to +105	2.5 to 25	6.8 to 220				
									E7*1	-55 to +105	4.0 to 25	10 to 330				
									F8*1	-55 to +105	4.0 to 25	22 to 680				
									E12*1	-55 to +105	2.5 to 25	33 to 680				
	Radial lead type	SEPC	48 to 49	Super low ESR High capacitance Small size Low profile	●	●	●			B9	-55 to +105	2.5	100 to 560	—	Purple	
										C6	-55 to +105	2.5 to 16	100 to 390			
										C9	-55 to +105	2.5 to 16	100 to 820			
										E9	-55 to +105	2.5 to 16	180 to 1,000			
									E12	-55 to +105	16	180 to 270				
									E13	-55 to +105	2.5 to 6.3	470 to 820				
SEQP		50 to 51	105°C 5,000h Guaranteed at 125°C Rated 32V max.					●	●	C6	-55 to +125	4.0 to 20	22 to 150	—	Purple	
									E7	-55 to +125	4.0 to 32	6.8 to 330				
									F8	-55 to +125	4.0 to 32	15 to 680				
									E12	-55 to +125	4.0 to 32	18 to 560				
SEP		52 to 53	Standard							F13	-55 to +125	4.0 to 20	150 to 1,200	—	Purple	
									C6*1	-55 to +105	4.0 to 25	6.8 to 150				
									E7*1	-55 to +105	4.0 to 25	10 to 330				
									F8*1	-55 to +105	4.0 to 25	22 to 680				
									E12*1	-55 to +105	2.5 to 25	33 to 680				
									F13*1	-55 to +105	2.5 to 25	56 to 1,500				

Aluminum Solid Capacitors with Organic Semiconductive Electrolyte

Classification	Series	Page	Features	Small size - Low profile	High capacitance	Low ESR	High voltage	Long life High temperature	Size code	Category temperature range (°C)	Rated voltage range (V.DC)	Capacitance range (μF)	External appearance	Marking color		
Organic semiconductor electrolyte	Radial lead type	SF 54 to 55	5mm height max.	●					E1	-55 to +105	4.0 to 6.3	150 to 220	Purple	White		
		SP 56 to 57	Low ESR High capacitance (Audio system)							C'	-55 to +105	4.0 to 25	6.8 to 100	Purple	White	
										E'	-55 to +105	4.0 to 20	47 to 220			
										F'	-55 to +105	4.0 to 20	68 to 330			
										C	-55 to +105	4.0 to 25	10 to 150			
										D*2	-55 to +105	4.0 to 25	18 to 270			
										E	-55 to +105	4.0 to 25	33 to 560			
										F	-55 to +105	2.0 to 25	56 to 1,200			
										Fo	-55 to +105	2.0 to 4.0	1,500 to 1,800			
		SC 58 to 59	Standard								A	-55 to +105	6.3 to 30	1.0 to 6.8	Purple	White
											B	-55 to +105	6.3 to 30	1.5 to 15		
											C	-55 to +105	6.3 to 30	3.3 to 33		
											D	-55 to +105	10 to 30	4.7 to 47		
											E	-55 to +105	25 to 30	10 to 22		
											F	-55 to +105	25 to 30	22 to 47		
		SA 60 to 61	High capacitance Small size								C	-55 to +105	6.3 to 20	15 to 47	Purple	White
											D	-55 to +105	10 to 20	33 to 68		
											E	-55 to +105	6.3 to 20	47 to 150		
											F	-55 to +105	6.3 to 20	100 to 330		
											G	-55 to +105	16	470		
		SL 62 to 63	Low profile								A'	-55 to +105	6.3 to 25	1 to 6.8	Purple	White
											B'	-55 to +105	6.3 to 25	2.2 to 15		
											C'	-55 to +105	10 to 25	4.7 to 47		
											E'	-55 to +105	4.0 to 25	15 to 150		
											F'	-55 to +105	4.0 to 25	22 to 220		
		SH 64 to 65	Long life Guaranteed for 5,000h								A	-55 to +105	6.3 to 25	1.0 to 6.8	Purple	White
											B	-55 to +105	6.3 to 25	2.2 to 15		
											C	-55 to +105	6.3 to 25	4.7 to 47		
											D	-55 to +105	10 to 25	15 to 68		
											E	-55 to +105	6.3 to 20	47 to 150		
											F	-55 to +105	6.3 to 20	100 to 330		
		SS 66 to 67	Small size								A'	-55 to +105	6.3 to 20	2.2 to 15	Purple	White
											B'	-55 to +105	6.3 to 20	4.7 to 33		
											C'	-55 to +105	4.0 to 20	10 to 68		
											D	-55 to +105	4.0 to 20	47 to 150		
											E	-55 to +105	6.3 to 20	100 to 220		
											F	-55 to +105	4.0 to 20	150 to 470		

※1 The surge voltage of 25V products is 25V. Please consider SVPD series 25V Products (whose surge voltage is 29V) in placing a new order.

※2 D size is indicated to SPS series.