



Organic Conductive Polymer Capacitors

OP-CAP Item List

ESR: mΩ/at 100k ~ 300k Hz, 20°C max.
Ripple Current: mA/rms at 100k Hz, 105°C

SMD Type (2V ~ 10V)

Rated Voltage	2 V			
Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current
680	OVF	6.3 × 5.8	12	3,500
1,200	OVH	6.3 × 9.5	8	5,230

Rated Voltage	2.5 V				4 V				6.3 V				10 V			
Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current
33													OVK	5 × 5.7	40	1,300
													OVA	5 × 5.8	40	1,270
													OCV	5 × 5.7	40	1,270
47									OVK	5 × 5.7	30	1,970	OVA	5 × 5.8	40	1,270
									OVA	5 × 5.8	35	1,380	OVE	5 × 5.8	28	2,310
													OVA	6.3 × 4.4	41	1,560
													OVA	6.3 × 5.8	31	2,250
56													OVE	5 × 5.8	28	2,310
													OVK	6.3 × 4.4	40	1,670
													OVA	6.3 × 5.8	31	2,250
													OCV	6.3 × 5.9	31	2,250
													OVK	6.3 × 5.9	27	2,300
68					OVK	5 × 5.7	30	1,970	OVA	6.3 × 5.8	27	2,400	OVK	5 × 5.7	30	2,100
													OCVZ	5 × 5.7	23	2,540
													OVE	5 × 5.8	28	2,310
													OVK	6.3 × 5.9	27	2,300
82									OVA	6.3 × 4.4	40	1,670				
									OVK	6.3 × 4.4	40	1,670				
									OVA	6.3 × 5.8	27	2,400				
									OCV	6.3 × 5.9	27	2,400				
									OVK	6.3 × 5.9	27	2,400				
100					OVE	5 × 5.8	22	2,610	OCV	5 × 5.7	35	1,380				
					OVK	6.3 × 4.4	40	1,670	OVK	5 × 5.7	35	1,380				
					OVA	6.3 × 5.8	26	2,450	OVA	5 × 5.8	35	1,380				
									OVE	5 × 5.8	24	2,500				
									OVA	6.3 × 4.4	40	1,670				
									OVA	6.3 × 5.8	27	2,400				
									OCV	6.3 × 5.9	27	2,400				
									OVK	6.3 × 5.9	22	2,800				
120	OVK	6.3 × 4.4	40	1,670	OVA	6.3 × 4.4	38	1,710	OCVZ	5 × 5.7	21	2,660	OVF	5 × 5.8	22	2,600
									OVE	5 × 5.8	24	2,500	OVB	6.3 × 5.8	30	2,700
									OVA	6.3 × 5.8	27	2,400	OVE	6.3 × 5.8	25	2,530
									OVS	6.3 × 5.8	22	2,570	OVS	6.3 × 5.8	27	2,320
									OVK	6.3 × 5.9	22	2,800	OCVZ	6.3 × 5.9	22	2,600
									OCV	6.3 × 7	30	2,010	OVK	6.3 × 5.9	27	2,300
													OVA	8 × 6.7	27	2,800
150					OCV	5 × 5.7	30	1,490	OVF	5 × 4.4	25	2,100	OVK	6.3 × 7.7	21	2,880
					OVK	5 × 5.7	25	2,200	OVF	5 × 5.8	12	3,500	OCVZ	6.3 × 7.7	15	3,400
					OCVZ	5 × 5.7	20	2,730	OVH	5 × 5.8	12	3,520	OVE	6.3 × 7.7	21	2,880
					OVA	5 × 5.8	30	1,490	OVD	6.3 × 4.4	19	2,780	OVB	8 × 6.7	21	2,880
					OVE	5 × 5.8	22	2,610	OCV	6.3 × 7	30	2,250	OCV	8 × 6.7	27	2,800
					OVA	6.3 × 5.8	26	2,450	OCV	8 × 6.7	25	3,020	OVA	8 × 6.7	27	2,800
					OCV	6.3 × 5.9	26	2,450	OVK	8 × 6.7	25	3,020	OVK	8 × 6.7	30	2,760
					OVK	6.3 × 5.9	22	2,570	OVA	8 × 6.7	25	3,020	OVS	8 × 6.7	30	2,760
180	OCVZ	5 × 5.7	19	2,800	OVB	5 × 5.8	25	2,300	OVD	5 × 5.8	17	3,390	OVK	10 × 7.7	30	3,020
	OVE	5 × 5.8	21	2,670	OVD	6.3 × 4.4	19	2,780	OVH	5 × 5.8	15	3,150				
220									OVF	5 × 5.8	12	3,500				
									OVH	5 × 5.8	15	3,150				
									OCVZ	6.3 × 4.4	18	3,000				
									OVD	6.3 × 4.4	18	3,200				
									OVH	6.3 × 4.4	15	3,180				
									OVE	6.3 × 5.8	15	3,160				
	OVF	5 × 4.4	25	2,100	OVD	5 × 5.8	17	3,390	OVF	6.3 × 5.8	10	3,900	OVH	6.3 × 5.9	20	2,700
	OVD	6.3 × 4.4	19	2,780	OCV	8 × 6.7	25	3,020	OVS	6.3 × 5.8	22	2,570	OCVZ	8 × 6.7	22	3,220
	OVA	6.3 × 5.8	25	2,500	OVA	8 × 6.7	25	3,020	OCVZ	6.3 × 5.9	15	3,160	OVE	8 × 6.7	21	3,220
	OCV	6.3 × 5.9	25	2,500	OVK	8 × 6.7	25	3,020	OVH	6.3 × 5.9	10	3,900				
	OVK	6.3 × 5.9	25	2,500					OVK	6.3 × 5.9	20	2,800				
									OCV	6.3 × 7	30	2,250				
									OCV	8 × 6.7	25	3,020				
									OVA	8 × 6.7	25	3,020				
									OVK	8 × 6.7	22	3,220				

OP-CAP



Organic Conductive Polymer Capacitors

OP-CAP Item List

ESR: mΩ/at 100k ~ 300k Hz, 20°C max.

Ripple Current: mA/rms at 100k Hz, 105°C

SMD Type (2.5V ~ 10V)

Rated Voltage	2.5 V				4 V				6.3 V				10 V														
	Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current										
270	OVH	5 × 5.8	10	3,860	OVE	6.3 × 5.8	15	3,160	OVE	6.3 × 7.7	14	3,470	OCVZ	8 × 6.7	22	3,220											
					OCVZ	6.3 × 5.9	15	3,160	OVK	6.3 × 7.7	14	3,470	OVE	8 × 6.7	21	3,220											
					OVK	8 × 6.7	22	3,220	OVF	6.3 × 7.7	9	4,200	OVK	8 × 6.7	22	3,200											
									OVA	8 × 12	14	4,420	OVA	10 × 7.7	24	3,770											
330	OCVZ OVH OVD OVF OVH OVD OVF	6.3 × 4.4 6.3 × 4.4 5 × 5.8 5 × 5.8 5 × 5.8 6.3 × 4.4 6.3 × 4.4	16 14 16 10 10 16 12	3,180 3,180 3,500 3,900 3,860 3,500 3,500	OVE	6.3 × 5.8	15	3,160	OVD	6.3 × 5.8	17	3,390	OCV OVK OCVU OVA OCV OVK	8 × 12 8 × 12 8 × 12 8 × 12 10 × 7.7 10 × 7.7 10 × 7.7	14 14 17 17 24 24 24	4,420 4,420 3,950 4,420 3,770 3,770 3,770											
					OVH	6.3 × 5.8	10	3,900	OVF	6.3 × 5.8	10	3,900					OCVZ	6.3 × 5.9	17	3,390							
					OVD	6.3 × 5.9	20	2,800	OCVZ	6.3 × 5.9	15	3,160					OVH	6.3 × 5.9	10	3,900							
					OVF	6.3 × 5.9	10	3,900	OVH	6.3 × 5.9	10	3,900					OCVZ	6.3 × 7.7	9	4,200							
					OVH	6.3 × 5.9	10	3,860	OCVZ	6.3 × 5.9	15	3,160					OVE	6.3 × 7.7	14	3,470							
					OVD	6.3 × 5.9	10	3,900	OVH	6.3 × 5.9	10	3,900					OVF	6.3 × 7.7	9	4,200							
					OVF	6.3 × 5.9	12	3,500	OCV	8 × 6.7	25	3,020					OVK	6.3 × 7.7	14	3,470							
									OVK	8 × 6.7	22	3,220					OVH	8 × 6.7	14	3,900							
									OVA	8 × 6.7	25	3,020					OVE	8 × 6.7	14	3,950							
																	OVF	8 × 6.7	10	4,500							
																	OVH	8 × 6.7	9	4,500							
																	OCV	10 × 7.7	20	4,130							
																	OVK	10 × 7.7	20	4,130							
																	OVA	10 × 7.7	20	4,130							
					390	OVF OVH OVE OVF OCVZ OVH	5 × 5.8 5 × 5.8 6.3 × 5.8 6.3 × 5.8 6.3 × 5.9 6.3 × 5.9	10 10 15 10 14 10	3,900 3,860 3,160 3,900 3,160 3,900	OVB	6.3 × 5.8	24					2,700	OCVZ	8 × 6.7	22	3,220	OVJ OVJ OCVZ OVE	6.3 × 7.7 6.3 × 9.5 8 × 10 8 × 10	13 13 17 17	4,460 4,000 4,000 4,000		
										OVD	6.3 × 5.8	17					3,390	OVE	8 × 6.7	14	3,950						
OCVZ	6.3 × 7.7	9	4,200	OVF						8 × 6.7	10	4,500															
OVE	6.3 × 7.7	14	3,470	OVH						8 × 6.7	9	4,500															
OVK	6.3 × 7.7	14	3,470	OVK						8 × 6.7	22	3,220															
OVF	6.3 × 7.7	9	4,200	OVS						8 × 6.7	22	3,220															
				OVA						8 × 12	12	4,770															
470	OVE OVF	6.3 × 7.7 6.3 × 7.7	13 9	3,600 4,200	OVE	8 × 6.7	14	3,950	OCVZ	8 × 7.7	13	3,950	OVJ OVJ OVF OCV OVK OCVU OVA OVA OVK OVA	8 × 10 8 × 10 10 × 7.7 10 × 9.9 10 × 9.9 10 × 9.9 10 × 12.6 10 × 12.6	17 19 19 18 18 18 18 12	3,800 3,800 3,800 4,400 4,400 4,400 5,300 5,300											
					OVF	8 × 6.7	10	4,500	OVE	8 × 6.7	14	3,950															
					OVH	8 × 6.7	9	4,500	OVF	8 × 6.7	10	4,500															
					OCV	10 × 7.7	20	4,130	OVH	8 × 6.7	9	4,500															
					OVK	10 × 7.7	20	4,130	OVK	8 × 6.7	18	3,600															
					OVA	10 × 7.7	20	4,130	OVS	8 × 6.7	22	3,220															
									OCV	8 × 12	12	4,770															
									OCVU	8 × 12	13	4,520															
									OCVZ	8 × 12	9	5,380															
									OVK	8 × 12	12	4,770															
560	OVD OVF OCVZ OVH OVB OCVZ OVE OVF OCV OVK OVA OVE OVF OVH	6.3 × 5.8 6.3 × 5.8 6.3 × 5.9 6.3 × 5.9 6.3 × 6.4 6.3 × 7.7 6.3 × 7.7 6.3 × 7.7 8 × 6.7 8 × 6.7 8 × 6.7 8 × 6.7 8 × 6.7 8 × 6.7 8 × 6.7 8 × 6.7	16 10 16 10 16 9 13 9 23 23 23 13 10 9	3,500 3,900 3,500 3,900 3,500 4,200 3,600 4,200 3,100 3,100 3,100 4,100 4,500 4,200	OCVZ	8 × 6.7	22	3,220	OVJ OVJ OVF OCV OVK OCVU OVA OCVZ OVK OVA	6.3 × 7.7 6.3 × 9.5 8 × 7.7 10 × 9.9 10 × 9.9 10 × 9.9 10 × 9.9	8 10 9 16 16 16 16	5,000 4,300 4,500 4,700 4,700 4,700 4,700	12 13 12 12	5,300 5,230 5,300 5,300													
					OVH	6.3 × 5.8	10	3,900																			
					OCVZ	6.3 × 5.9	16	3,500																			
					OVH	6.3 × 5.9	10	3,900																			
					OVB	6.3 × 6.4	16	3,500																			
					OCVZ	6.3 × 7.7	9	4,200																			
					OVE	6.3 × 7.7	13	3,600																			
					OVF	6.3 × 7.7	9	4,200																			
					OCV	8 × 6.7	23	3,100																			
					OVK	8 × 6.7	23	3,100																			
					OVA	8 × 6.7	23	3,100																			
OVE	8 × 6.7	13	4,100																								
OVF	8 × 6.7	10	4,500																								
OVH	8 × 6.7	9	4,200																								
680	OCVZ OVE OVF OVH OCV OVK OCVU OVA	8 × 6.7 8 × 6.7 8 × 6.7 8 × 6.7 8 × 12 8 × 12 8 × 12 8 × 12	20 13 10 9 12 12 13 12	3,370 4,100 4,500 4,500 4,770 4,770 4,520 4,770	OVF	8 × 7.7	9	4,500	OVB OCV OVA	8 × 10 10 × 12.6 10 × 12.6	12 10 10	4,600 5,500 5,500	OCVZ OVE	10 × 9.9 10 × 10	13 13	4,820 4,820											
					OCV	10 × 7.7	20	4,130																			
					OVA	10 × 7.7	20	4,130																			
					OVE	8 × 7.7	13	3,950																			
					OVK	10 × 7.7	20	4,130																			
820	OVJ OVJ OVE OCVZ OVE	6.3 × 7.7 6.3 × 9.5 8 × 7.7 8 × 12 8 × 12	7 10 12 9 9	5,000 4,300 4,260 5,380 5,400	OCV	10 × 9.9	13	5,200	OVH OCV OVK OCVU OVA	10 × 7.7 10 × 7.7 10 × 7.7 10 × 12.6 10 × 12.6	13 14 14 9 10 10	5,200 4,300 4,300 5,000 5,500 5,500 5,440 5,500	OVJ OVJ OCVZ OVE	10 × 9.9 10 × 9.9 10 × 7.7 10 × 7.7	13 13 14 14	4,300 4,300 4,300 4,300											
					OCVU	10 × 9.9	13	5,200																			
					OVK	10 × 9.9	13	5,200																			
					OVA	10 × 12.6	10	5,500																			



Organic Conductive Polymer Capacitors

OP-CAP Item List

ESR: mΩ/at 100k ~ 300k Hz, 20°C max.
Ripple Current: mA/rms at 100k Hz, 105°C

SMD Type (2.5V ~ 35V)

Rated Voltage	2.5 V				4 V				6.3 V				10 V								
	Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current				
1,000	OVJ	6.3 × 9.5	10	4,300	OVE	8 × 10	10	5,220	OVB	8 × 12	11	4,800									
	OVF	8 × 7.7	9	4,500		OCVZ	10 × 7.7	14										4,300			
	OCV	10 × 7.7	19	4,240		OVE	10 × 7.7	14										4,300			
	OVK	10 × 7.7	19	4,240		OVH	10 × 7.7	9										5,000			
	OVA	10 × 7.7	19	4,240																	
	OCVU	10 × 9.9	13	5,200																	
1,200	OVJ	6.3 × 9.5	10	4,300	OVB	8 × 10	15	5,400	OCVZ	10 × 9.9	12	5,025	OVB	10 × 12.6	13	4,800					
	OCVZ	10 × 7.7	13	4,450	OCVZ	8 × 12	12	4,700													
	OVE	10 × 7.7	13	4,450	OVE	8 × 12	9	5,500													
	OVH	10 × 7.7	9	5,000	OCVZ	10 × 9.9	10	5,500													
	OCV	10 × 9.9	13	5,200	OVE	10 × 10	10	5,500													
	OVK	10 × 9.9	13	5,200	OCV	10 × 12.6	10	5,500													
					OCVU	10 × 12.6	12	5,440													
					OVK	10 × 12.6	10	5,500													
					OVA	10 × 12.6	10	5,500													
1,500	OVE	8 × 10	10	5,220	OCVZ	8 × 12	12	4,700	OVH	10 × 9.9	8	6,000									
	OCVZ	8 × 12	12	5,150														OVE	10 × 9.9	10	5,500
	OVE	8 × 12	9	5,400														OCVZ	10 × 9.9	10	5,500
	OCV	10 × 12.6	10	5,500														OVE	10 × 10	10	5,500
	OVK	10 × 12.6	10	5,500																	
	OCVU	10 × 12.6	13	5,440																	
1,800					OVH	10 × 9.9	8	6,000	OVB	10 × 12.6	10	5,500									
					OCVZ	10 × 9.9	10	5,500													
					OCVZ	10 × 12.6	9	5,600													
					OVE	10 × 10	10	5,500													
					OVE	10 × 12.6	9	5,600													
2,200	OCVZ	10 × 9.9	10	5,500	OCVZ	10 × 12.6	9	5,700													
	OVH	10 × 9.9	8	6,000																	
	OVE	10 × 10	10	5,500																	
2,700	OCVZ	10 × 12.6	9	5,600	OVB	10 × 12.6	11	5,600													
	OVE	10 × 12.6	9	5,600																	

Rated Voltage	16 V				20 V				25 V				35 V								
	Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current				
6.8										OCV	6.3 × 5.9	80	1,200								
10										OVG	5 × 4.4	60	1,700								
										OVA	6.3 × 5.8	65	1,500								
										OCV	8 × 6.7	60	1,500								
										OVB	6.3 × 5.8	70	1,200								
15					OVK	6.3 × 4.4	45	2,000													
					OVA	6.3 × 4.4	57	1,300													
18														OVK	6.3 × 5.9	64	900				
22	OCV	5 × 5.7	45	1,210	OVK	6.3 × 4.4	35	2,000	OVG	5 × 5.8	40	2,450	OCVZ	6.3 × 5.9	35	2,600					
	OVK	5 × 5.7	45	1,100	OVA	6.3 × 5.8	50	1,650	OVG	6.3 × 4.4	45	2,350									
	OVA	5 × 5.8	45	1,210	OCV	6.3 × 5.9	50	1,650	OVA	8 × 6.7	50	1,800									
	OVA	6.3 × 4.4	45	1,490	OVK	6.3 × 5.9	48	1,300	OCV	10 × 7.7	50	2,000									
27					OVG	5 × 4.4	55	1,770	OVG	5 × 5.8	40	2,450									
					OVB	6.3 × 5.8	60	1,400													
33	OVE	5 × 5.8	35	2,070	OVG	5 × 4.4	55	1,770	OVB	8 × 10	50	2,000									
	OVK	6.3 × 4.4	40	1,670														OCV	8 × 12	30	2,980
	OVA	6.3 × 5.8	37	2,050																	
39	OVG	5 × 4.4	50	1,840	OVA	8 × 6.7	45	2,000	OVG	6.3 × 5.8	30	2,800	OCV	8 × 12	31	2,100					
	OVK	5 × 5.7	35	2,000														OVA	10 × 7.7	45	2,100
	OCVZ	5 × 5.7	27	2,350																	
	OVE	5 × 5.8	35	2,070																	
	OVA	6.3 × 5.8	37	2,050																	
	OVS	6.3 × 5.8	37	2,050																	
	OCVZ	6.3 × 5.9	24	2,460																	
	OVK	6.3 × 5.9	30	2,200																	





Organic Conductive Polymer Capacitors

OP-CAP Item List

ESR: mΩ/at 100k ~ 300k Hz, 20°C max.

Ripple Current: mA/rms at 100k Hz, 105°C

SMD Type (16V ~ 35V)

Rated Voltage	16 V				20 V				25 V				35 V													
	Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current									
47		OVG	5 × 4.4	50	1,840	OVG	5 × 5.8	30	2,800	OVG	6.3 × 5.8	30	2,800													
		OCV	6.3 × 5.9	50	1,650	OVG	6.3 × 4.4	42	2,400					OCV	8 × 6.7	45	2,000									
						OVK	8 × 6.7	45	1,890					OVK	6.3 × 5.9	49	1,300									
						OVA	8 × 6.7	45	2,000																	
56						OVG	5 × 5.8	30	2,800	OVG	6.3 × 5.8	30	2,800													
						OVK	6.3 × 5.9	48	1,300	OCVZ	6.3 × 5.9	30	2,800													
										OVG	6.3 × 7.7	28	2,800													
										OVB	10 × 10	45	2,200													
									OCV	10 × 12.6	28	3,800														
68		OVG	6.3 × 4.4	40	2,450	OVK	6.3 × 5.9	48	1,300	OVG	8 × 6.7	28	3,000	OCV	10 × 12.6	28	2,700									
		OVE	6.3 × 5.8	28	2,390																					
		OVS	6.3 × 5.8	30	2,200																					
		OCVZ	6.3 × 5.9	25	2,440																					
		OVK	6.3 × 5.9	30	2,200																					
82		OVK	6.3 × 5.9	30	2,200	OVK	6.3 × 5.9	48	1,300	OVJ	6.3 × 7.7	28	3,040	OCVZ	8 × 12	20	4,000									
		OVK	6.3 × 7.7	30	2,200													OVJ	6.3 × 9.5	28	3,000					
		OCVZ	6.3 × 7.7	24	2,700													OVC	8 × 7.7	26	3,100					
		OVE	6.3 × 7.7	24	2,700													OVB	10 × 12.6	30	3,800					
		OCV	8 × 6.7	30	2,700																					
		OVA	8 × 6.7	30	2,700																					
		OVK	8 × 6.7	28	2,800																					
		OVS	8 × 6.7	30	2,760																					
100		OVG	5 × 5.8	27	3,000	OVK	6.3 × 5.9	48	1,300	OVG	8 × 10	24	3,300													
		OVD	6.3 × 5.8	24	2,490																					
		OVK	6.3 × 5.9	30	2,200																					
		OCVZ	6.3 × 5.9	24	2,490																					
		OVB	6.3 × 6.4	24	2,490																					
		OVK	6.3 × 7.7	24	2,700																					
		OCVZ	6.3 × 7.7	24	2,700																					
		OVE	6.3 × 7.7	24	2,700																					
		OVE	8 × 6.7	24	3,010																					
		OCVZ	8 × 6.7	24	3,010																					
		OVK	10 × 7.7	35	2,670																					
		120		OCVZ	8 × 6.7									24	3,010	OVG	6.3 × 5.8	25	3,200	OVG	8 × 10	22	3,500	OCVZ	10 × 12.6	18
OVE	8 × 6.7			24	3,010	OVK	6.3 × 5.9	48	1,300																	
OVK	8 × 6.7			28	2,800	OCVZ	6.3 × 5.9	25	3,200																	
OVS	8 × 6.7			27	2,900																					
150		OCVZ	8 × 6.7	22	3,220	OVG	6.3 × 7.7	25	3,200	OVK	8 × 12	28	2,200	OVK	10 × 12.6	28	2,600									
		OVE	8 × 7.7	22	3,150	OVJ	6.3 × 7.7	18	3,790																	
		OVA	10 × 7.7	26	3,430	OVJ	6.3 × 9.5	18	3,200																	
						OCV	10 × 12.6	20	4,320																	
						OVA	10 × 12.6	20	4,320																	
180		OVG	6.3 × 5.8	22	3,300	OVB	10 × 12.6	20	4,300	OCVZ	8 × 12	16	4,650													
		OVH	6.3 × 9.5	11	4,460																					
		OCVZ	8 × 10	18	3,890																					
		OVE	8 × 10	18	3,890																					
		OCV	8 × 12	16	4,360																					
		OCVU	8 × 12	20	3,640																					
		OVA	8 × 12	16	4,360																					
		OCV	10 × 7.7	26	3,430																					
		OVA	10 × 7.7	26	3,430																					
		OVK	10 × 7.7	29	3,430																					
220		OVG	6.3 × 7.7	22	3,300	OVB	8 × 7.7	23	3,300	OCVZ	10 × 9.9	20	3,800													
		OVE	8 × 10	18	3,890									OVB	8 × 10	23	3,400									
		OCVZ	8 × 10	18	3,890																					
		OCVZ	10 × 7.7	22	3,450																					
		OVE	10 × 7.7	22	3,450																					
		OCV	10 × 9.9	20	4,200																					
		OCVU	10 × 9.9	20	4,200																					
OVA	10 × 12.6	14	5,050																							

OP-CAP



Organic Conductive Polymer Capacitors

OP-CAP Item List

ESR: mΩ/at 100k ~ 300k Hz, 20°C max.

Ripple Current: mA/rms at 100k Hz, 105°C

SMD Type (16V ~ 25V)

Rated Voltage	16 V				20 V				25 V				
	Cap. (μF)	Series	Size φ D×L(mm)	ESR	Ripple Current	Series	Size φ D×L(mm)	ESR	Ripple Current	Series	Size φ D×L(mm)	ESR	Ripple Current
270	OVJ	6.3 × 7.7	13	4,460	OVK	8 × 12	21	4,000	OCV	10 × 12.6	27	2,700	2,700
	OVJ	6.3 × 9.5	10	5,080									
	OVK	6.3 × 9.5	11	5,000									
	OVG	8 × 6.7	22	3,300									
	OVV	8 × 10	20	3,600									
	OCVZ	8 × 12	12	4,850									
330	OVG	8 × 7.7	21	3,400	OCV	10 × 12.6	26	2,700	OCVZ	10 × 12.6	14	5,000	
	OVG	8 × 10	21	3,400									
	OVE	10 × 10	16	4,350									
	OCV	10 × 12.6	14	5,050									
	OVK	10 × 12.6	12	5,300									
	OCVU	10 × 12.6	16	4,720									
	OCVZ	10 × 9.9	16	4,350									
	OCVZ	10 × 12.6	12	5,300									
	OVA	10 × 12.6	14	5,050									
	390	OVV	8 × 12	18									
					OCVZ	8 × 12	14	4,950					
					OVK	8 × 12	14	4,950					
470	OVV	10 × 10	16	4,200	OVK	10 × 12.6	20	4,300					
	OVK	10 × 12.6	12	5,300									
	OCVZ	10 × 12.6	10	6,100									
560	OVG	8 × 10	18	3,900	OCVZ	10 × 9.9	18	4,100					
					OVG	10 × 10	18	4,100					
					OCVZ	10 × 12.6	12	5,600					
680	OVV	10 × 12.6	14	4,700									
820	OVG	10 × 10	16	4,200									
	OCV	10 × 12.6	18	4,200									
	OCVZ	10 × 12.6	12	5,400									
	OVG	10 × 12.6	12	5,400									
	OVK	10 × 12.6	12	5,400									
1,000	OVK	10 × 12.6	12	5,400									
	OCVZ	10 × 12.6	12	5,400									
	OVG	10 × 7.7	18	4,100									
	OVG	10 × 12.6	12	5,400									

OP-CAP



Organic Conductive Polymer Capacitors

OP-CAP Item List

ESR: mΩ/at 100k ~ 300k Hz, 20°C max.

Ripple Current: mA/rms at 100k Hz, 105°C

Radial Type (2V ~ 10V)

Rated Voltage	2 V			
Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current
1,000	ORF	6.3 × 8	5	5,900

Rated Voltage	2.5 V				4 V				6.3 V				10 V			
Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current
47													ORA	6.3 × 11	25	2,820
68													ORA	6.3 × 11	25	2,820
100	ORE	5 × 8	7	4,180					OCR	6.3 × 5.5	40	1,810	OCR ORA	6.3 × 6.5 6.3 × 11	45 25	1,700 2,820
150					OCR	6.3 × 5.5	40	1,810					ORA	6.3 × 11	25	2,820
220	ORD OCR	5 × 8 6.3 × 5.5	7 28	4,350 2,390					OCR ORA	6.3 × 11 6.3 × 11	18 20	3,160 3,160	OCR	10 × 10	17	3,950
270					OCR ORA	6.3 × 11 6.3 × 11	15 20	3,200 3,160	OCRZ ORD	5 × 8 5 × 8	8 10	3,900 3,700	ORE ORA ORS OCRZ	8 × 6.5 8 × 11.5 8 × 11.5 8 × 12	22 9 14 8	3,220 4,710 4,420 5,000
330	ORE ORD OCRK OCRZ ORE ORF	5 × 8 5 × 8 6.3 × 8 6.3 × 8 6.3 × 8 6.3 × 8	7 7 7 7 5 5	4,180 4,350 5,600 5,600 5,900 5,900	ORD	5 × 8	8	4,050	OCRZ ORD OCR ORA	5 × 8 5 × 8 6.3 × 6.5 6.3 × 11	8 8 28 28	3,900 4,050 2,390 3,190	OCR OCRK OCRU ORS	8 × 11.5 8 × 11.5 8 × 11.5 8 × 11.5	14 17 16 14	4,420 3,950 3,950 4,420
390	ORE OCRZ OCR ORA	6.3 × 5.5 6.3 × 6 6.3 × 11 6.3 × 11	10 10 18 20	3,900 3,900 3,160 3,150	ORA	6.3 × 11	24	3,300	OCR OCRK ORA ORS	8 × 11.5 8 × 11.5 8 × 11.5 8 × 11.5	12 15 8 12	4,770 4,210 5,080 4,770	ORC OCRZ	8 × 11.5 8 × 12	9 8	5,650 5,000
470	OCRZ ORD ORE OCRK ORE ORF OCRZ	5 × 8 5 × 8 5 × 8 6.3 × 8 6.3 × 8 6.3 × 8 8 × 8	7 7 7 7 5 5 7	4,200 4,350 4,180 5,600 5,900 5,900 5,000	ORF	6.3 × 8	7	5,600	OCRK OCRZ ORB ORE OCRZ ORC ORE OCR OCRK OCRU ORA ORS OCRZ ORE	6.3 × 8 6.3 × 8 6.3 × 8 6.3 × 8 8 × 8 8 × 8 8 × 11.5 8 × 11.5 8 × 11.5 8 × 11.5 8 × 11.5 8 × 12 8 × 12	8 7 8 7 7 8 8 12 15 15 7 12 7 8	4,700 5,600 4,700 5,600 6,200 5,700 5,700 4,770 4,210 4,210 5,700 4,770 6,200 5,700	OCRZ ORA ORS	10 × 12 10 × 12 10 × 12	8 8 12	6,000 5,650 5,300
560	OCRZ ORD ORE ORE OCRZ OCRK OCRZ ORE ORF OCRZ ORC ORE	5 × 8 5 × 8 5 × 8 6.3 × 5.5 6.3 × 6 6.3 × 8 6.3 × 8 6.3 × 8 6.3 × 8 8 × 8 8 × 8 8 × 8	7 7 7 10 10 7 7 7 5 7 7 7 8	4,200 4,350 4,180 3,900 4,000 5,600 5,600 5,900 5,900 6,200 6,100 4,700	OCRK OCRZ ORB ORE ORF OCRZ ORC ORE OCR OCRU ORA ORS OCRZ ORE	6.3 × 8 6.3 × 8 6.3 × 8 6.3 × 8 6.3 × 8 8 × 8 8 × 8 8 × 11.5 8 × 11.5 8 × 11.5 8 × 11.5 8 × 12 8 × 12	7 7 7 7 7 7 7 10 13 7 10 7 7	5,600 5,000 5,000 5,600 5,600 6,200 6,100 6,100 5,230 4,520 5,580 5,230 6,200 6,100	OCRK OCRZ	6.3 × 8 6.3 × 8	8 7	4,700 5,600	OCRZ OCR OCRK OCRU OCRZ ORS	8 × 8 10 × 12 10 × 12 10 × 12 10 × 12 10 × 12	9 12 16 13 8 12	5,600 5,300 4,720 5,230 6,000 5,300
680	OCR OCRZ ORA ORS	8 × 11.5 8 × 11.5 8 × 11.5 8 × 11.5	10 13 7 10	5,230 4,520 5,580 5,230	ORC ORE	8 × 11.5 8 × 12	7 7	6,100 6,100	OCRZ ORA ORE ORS	6.3 × 8 10 × 12 10 × 12 10 × 12	7 7 7 10	5,600 5,860 6,640 5,500	ORC	10 × 12	7	6,100
820	OCRK OCRZ ORB ORE ORF OCRZ ORC ORE ORA ORS OCRZ ORE	6.3 × 8 6.3 × 8 6.3 × 8 6.3 × 8 6.3 × 8 8 × 8 8 × 8 8 × 8 8 × 11.5 8 × 11.5 8 × 12 8 × 12	7 7 7 5 5 7 7 7 7 7 10 7 7	5,600 5,600 5,000 5,900 5,900 6,200 6,100 6,100 5,580 5,230 6,200 6,100	OCRZ ORA ORE ORS	8 × 8 10 × 12 10 × 12 10 × 12	7 6 7 8	6,200 5,860 6,640 5,500	ORF OCRZ OCRZ OCRZ OCR OCRK OCRZ OCRZ ORC ORS	6.3 × 8 6.3 × 8 8 × 8 8 × 8 10 × 12 10 × 12 10 × 12 10 × 12 10 × 12 10 × 12	8 7 7 8 12 12 12 12 7 7 10	4,700 5,600 6,200 5,500 5,500 4,360 5,440 6,200 6,640 5,500	OCRZ OCRZ	8 × 12 10 × 12	8 8	5,000 6,000

OP-CAP



Organic Conductive Polymer Capacitors

OP-CAP Item List

ESR: mΩ/at 100k ~ 300k Hz, 20°C max.

Ripple Current: mA/rms at 100k Hz, 105°C

Radial Type (2.5V ~ 35V)

Rated Voltage	2.5 V				4 V				6.3 V				10 V																				
	Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current																
1,000	OCRZ	8 × 8	7	6,200	OCRZ	8 × 8	7	6,200	OCRZ	8 × 8	7	6,200	OCRZ	8 × 8	7	6,100	6,100																
	ORC	8 × 8	7	6,100														ORC	8 × 8	7	6,100	ORC	8 × 8	7	6,100	ORC	8 × 8	7	6,100				
	ORE	8 × 8	7	6,100														ORE	8 × 8	7	6,100	ORE	8 × 8	7	6,100	ORE	8 × 8	7	6,100	ORE	8 × 8	7	6,100
	ORC	8 × 11.5	7	6,100														ORC	8 × 11.5	7	6,100	ORC	8 × 11.5	7	6,100	ORC	8 × 11.5	7	6,100	ORC	8 × 11.5	7	6,100
	OCRZ	8 × 12	7	6,200														OCRZ	8 × 12	7	6,200	OCRZ	8 × 12	7	6,200	OCRZ	8 × 12	7	6,200	OCRZ	8 × 12	7	6,200
	OCRZ	10 × 10	14	4,700														OCRZ	10 × 10	14	4,700	OCRZ	10 × 10	14	4,700	OCRZ	10 × 10	14	4,700	OCRZ	10 × 10	14	4,700
	OCRZ	10 × 12	7	6,200														OCRZ	10 × 12	7	6,200	OCRZ	10 × 12	7	6,200	OCRZ	10 × 12	7	6,200	OCRZ	10 × 12	7	6,200
	ORA	10 × 12	6	5,860														ORA	10 × 12	6	5,860	ORA	10 × 12	6	5,860	ORA	10 × 12	6	5,860	ORA	10 × 12	6	5,860
1,200	ORF	6.3 × 8	5	5,900	OCRZ	8 × 8	7	6,200	OCRZ	8 × 12	8	5,500	OCRZ	10 × 12	8	6,000	6,000																
	OCRZ	6.3 × 8	7	5,600	OCRZ	8 × 12	7	6,200										OCRZ	8 × 12	7	6,200	OCRZ	8 × 12	7	6,200								
	OCRZ	8 × 8	7	6,200	OCRZ	8 × 8	7	6,200										OCRZ	8 × 8	7	6,200	OCRZ	8 × 8	7	6,200								
	OCRZ	8 × 8	7	6,200	OCRZ	8 × 8	7	6,200										OCRZ	8 × 8	7	6,200	OCRZ	8 × 8	7	6,200								
	OCRZ	10 × 12	13	5,440	OCRZ	10 × 12	12	5,500										OCRZ	10 × 12	12	5,500	OCRZ	10 × 12	12	5,500								
	ORF	10 × 12	13	5,440	ORF	10 × 12	13	5,440										ORF	10 × 12	13	5,440	ORF	10 × 12	13	5,440								
1,500	ORC	8 × 11.5	7	6,100	OCRZ	10 × 12	7	6,500	OCRZ	10 × 12	7	6,200	OCRZ	10 × 12	7	5,560	5,560																
	OCRZ	8 × 12	7	6,200														OCRZ	8 × 12	7	6,200	OCRZ	8 × 12	7	6,200	OCRZ	8 × 12	7	6,200				
	OCRZ	8 × 12	7	6,200														OCRZ	8 × 12	7	6,200	OCRZ	8 × 12	7	6,200	OCRZ	8 × 12	7	6,200				
	OCRZ	10 × 12	12	5,500														OCRZ	10 × 12	12	5,500	OCRZ	10 × 12	12	5,500	OCRZ	10 × 12	12	5,500				
	OCRZ	10 × 12	7	6,500														OCRZ	10 × 12	7	6,500	OCRZ	10 × 12	7	6,500	OCRZ	10 × 12	7	6,500				
	ORA	10 × 12	7	5,860														ORA	10 × 12	7	5,860	ORA	10 × 12	7	5,860	ORA	10 × 12	7	5,860				
1,600	ORF	8 × 8	5	6,100																													
	ORF	8 × 8	5	6,100																													
1,800	OCRZ	8 × 8	7	6,200					OCRZ	10 × 12	7	6,200																					
2,200	OCRZ	8 × 12	7	6,200	OCRZ	10 × 12	8	7,200																									
2,700	OCRZ	10 × 12	7	7,200	OCRZ	10 × 12	8	7,200	OCRZ	10 × 12	8	7,200	OCRZ	10 × 12	8	7,200	7,200																
	ORC	10 × 12	8	5,560														ORC	10 × 12	8	5,560	ORC	10 × 12	8	5,560	ORC	10 × 12	8	5,560				
	ORE	10 × 12	10	5,560														ORE	10 × 12	10	5,560	ORE	10 × 12	10	5,560	ORE	10 × 12	10	5,560				
3,900	OCRZ	10 × 12	7	7,200																													

Rated Voltage	16 V				20 V				25 V				35 V									
	Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current					
6.8										OCR	6.3 × 5.5	80	1,200									
18														ORS	8 × 11.5	34	2,830					
22					OCR	6.3 × 5.5	60	1,450						ORE	6.3 × 5.5	35	2,600					
33										OCR	8 × 11.5	24	3,320	OCR	8 × 11.5	31	2,300					
39														ORS	10 × 12	30	3,270					
47	OCR	6.3 × 5.5	50	1,650										ORE	8 × 6.5	30	2,800					
														OCR	8 × 11.5	31	2,300					
														OCRZ	8 × 12	24	3,600					
56					OCR	6.3 × 11	5	2,650						OCR	8 × 12	24	3,600					
														OCR	10 × 12	30	3,650					
														ORE	6.3 × 5.5	30	2,800					
														ORG	6.3 × 5.5	30	2,600					
68														OCR	8 × 11.5	24	3,320					
														OCR	8 × 11.5	24	3,320					
														OCRK	8 × 11.5	29	2,200					
														OCR	10 × 12	18	4,380					
82														ORG	8 × 11.5	28	2,700					
														ORE	8 × 12	20	4,000					
100	ORF	6.3 × 5.5	24	2,490	OCR	8 × 11.5	24	3,320		ORG	6.3 × 8	28	2,780									
																			ORE	6.3 × 5.5	24	2,490
																			OCRZ	6.3 × 6	24	2,490
																			OCRZ	6.3 × 8	10	4,680
																			OCRZ	6.3 × 8	10	4,680
																			OCRZ	6.3 × 8	10	4,680
																			OCRZ	6.3 × 11	22	2,820
																			OCRZ	6.3 × 11	25	2,820
OCRZ	6.3 × 11	25	2,890																			
120					OCR	8 × 11.5	24	3,320		ORG	6.3 × 8	28	2,780	ORE	8 × 12	20	4,000					
																		ORF	6.3 × 11	25	2,890	
150	ORG	6.3 × 5.5	20	3,200	OCR	8 × 11.5	28	2,300		ORG	6.3 × 8	28	2,780	OCRZ	8 × 12	20	4,360					
																		ORF	8 × 11.5	16	4,360	
180	ORF	6.3 × 5.5	24	2,490	OCR	8 × 11.5	24	3,320		ORG	6.3 × 8	18	3,460									
																			ORF	6.3 × 5.5	24	2,490
																			ORF	8 × 6.5	22	3,220
																			ORF	6.3 × 8	10	4,680
																			ORF	6.3 × 8	10	5,000
																			ORF	6.3 × 8	10	5,000
																			ORF	8 × 11.5	16	4,360
																			ORF	8 × 11.5	20	3,640
ORF	8 × 11.5	18	3,640																			
220	ORE	8 × 6.5	13	4,150						ORG	8 × 11.5	16	4,650	OCRZ	8 × 12	16	4,650					
																		ORG	8 × 12	16	4,650	

OP-CAP



Organic Conductive Polymer Capacitors

OP-CAP Item List

ESR: mΩ/at 100k ~ 300k Hz, 20°C max.

Ripple Current: mA/rms at 100k Hz, 105°C

Radial Type (16V ~ 25V)

Rated Voltage	16 V				20 V				25 V				
	Cap. (μF)	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current	Series	Size φD×L(mm)	ESR	Ripple Current
270	OCRK		6.3 × 8	15	3,800								
	OCRZ		6.3 × 8	10	4,680								
	ORE		6.3 × 8	10	5,080								
	ORG		6.3 × 8	10	5,080								
	ORE		8 × 6.5	13	4,150								
	OCRZ		8 × 8	10	5,000								
	ORE		8 × 8	10	5,000					OCR	10 × 12	25	2,800
	ORF		8 × 8	10	5,000					OCRK	10 × 12	27	2,700
	ORC		8 × 11.5	11	5,080								
	ORF		8 × 11.5	11	5,080								
	OCRZ		8 × 12	8	5,000								
	ORE		8 × 12	11	5,000								
	ORS		10 × 12	14	5,050								
	330	ORG		6.3 × 8	10	5,080							
OCRZ			8 × 8	10	5,000								
ORF			8 × 8	13	4,700								
OCR			10 × 10	16	4,360	OCRZ	8 × 8	17	3,880				
OCR			10 × 12	14	5,050	ORG	8 × 8	17	3,880	ORE	10 × 12	14	5,000
OCRK			10 × 12	16	4,720	OCR	10 × 12	24	2,800	ORG	10 × 12	14	5,000
OCRU			10 × 12	16	4,720	OCRK	10 × 12	26	2,800				
OCRZ			10 × 12	8	6,000								
ORC			10 × 12	10	6,100								
ORS		10 × 12	14	5,050									
390					ORG	8 × 11.5	14	4,970	OCRZ	10 × 12	14	5,000	
					OCRZ	8 × 12	14	4,970	ORG	10 × 12	14	5,000	
					ORE	8 × 12	14	4,970	ORE	10 × 12	14	5,000	
470	ORE		8 × 8	8	5,400								
	ORG		8 × 8	16	4,000								
	OCRZ		8 × 8	16	4,000								
	ORF		8 × 11.5	11	5,400								
	OCRZ		8 × 12	10	5,400								
	OCRZ		10 × 12	8	6,000								
	ORC		10 × 12	10	6,100								
	ORE		10 × 12	10	6,100								
ORF		10 × 12	10	6,100									
560	ORG		8 × 11.5	14	4,970	ORE	10 × 12	12	5,600				
	ORE		8 × 12	14	4,950								
680	ORG		8 × 11.5	8	6,100	OCRZ	10 × 12	12	5,400				
						ORG	10 × 12	12	5,400				
820	ORG		8 × 16	8	7,000								
	OCRZ		10 × 12	10	6,100								
	ORG		10 × 12	12	5,400								
1,000	ORG		8 × 16	8	7,000								
	ORG		8 × 20	8	7,500								
	OCRZ		10 × 12	10	6,100								
	ORE		10 × 12	12	5,400								
	ORG		10 × 12	12	5,400								
1,200	ORG		8 × 20	8	7,500								
	ORG		10 × 12	12	5,400								
1,500	ORG		8 × 20	8	7,500								
	ORG		10 × 16	8	7,700								
1,800	ORG		10 × 16	8	7,700								
	ORG		10 × 20	8	8,100								
2,200	ORG		10 × 20	8	8,100								
2,700	ORG		10 × 20	8	8,100								

OP-CAP