

µF	L	Dia.	Lead Dia.	Mfrs. List No.	Order Code
16 Volt d.c.					
3.3	10.2	3.8	0.5	CTS13335X9016A	303-7538
22	15	5.1	0.5	CTS13226X9016B	303-7540
68	20.5	7.7	0.6	CTS13686X9016C	303-7551
20 Volt d.c.					
2.2	10.2	3.8	0.5	CTS13225X9020A	303-7563
15	15	5.1	0.5	CTS13156X9020B	303-7575
47	20.5	7.7	0.6	CTS13476X9020C	303-7587
100	24	9.3	0.6	CTS13107X9020D	303-7599
40 Volt d.c.					
0.1	10.2	3.8	0.5	CTS13104X9040A	303-7605
1.0	10.2	3.8	0.5	CTS13105X9040A	303-7617
2.2	15	5.1	0.5	CTS13225X9040B	303-7629
3.3	15	5.1	0.5	CTS13335X9040B	303-7630
4.7	15	5.1	0.5	CTS13475X9040B	303-7642
6.8	15	5.1	0.5	CTS13685X9040B	303-7654
10	20.5	7.7	0.6	CTS13106X9040C	303-7666
22	20.5	7.7	0.6	CTS13226X9040C	303-7678
47	24	9.3	0.6	CTS13476X9040D	303-7680

CAP248

µF	Order Code	Price Each				
		1+	25+	50+	100+	500+
6.3 Volt d.c.						
47	.303-7484					
10 Volt d.c.						
4.7	.303-7496					
33	.303-7502					
100	.303-7514					
220	.303-7526					
16 Volt d.c.						
3.3	.303-7538					
22	.303-7540					
68	.303-7551					
20 Volt d.c.						
2.2	.303-7563					
15	.303-7575					
47	.303-7587					
100	.303-7599					
40 Volt d.c.						
0.1	.303-7605					
1.0	.303-7617					
2.2	.303-7629					
3.3	.303-7630					
4.7	.303-7642					
6.8	.303-7654					
10	.303-7666					
22	.303-7678					
47	.303-7680					

Solid Aluminium

2222 128 Series Formerly 128 Series



- High performance
- Extremely long operating life
- Extended operating temperature range

Lead pitch = 5.2
Lead dia = 0.6

Voltage d.c.	µF	ESR (Ω) @ 100kHz 20°C	Impedance (Ω) @ 100kHz 20°C	Dimensions			Mfrs. List No.	Order Code
				H	W	D		
6.3	10	2.0	2.0	9.5	7.0	3.5	2222 128 53109	577-224
6.3	22	9.0	1.0	9.5	7.0	4.0	2222 128 53229	577-236
6.3	47	4.8	0.5	9.5	8.0	5.0	2222 128 53479	577-248
6.3	68	3.0	0.5	9.5	8.0	6.0	2222 128 53689	577-250
10	4.7	4.3	3.0	9.5	7.0	3.5	2222 128 54478	577-261
10	10	20	1.5	9.5	7.0	4.0	2222 128 54109	577-273
10	15	14	1.0	9.5	7.0	4.0	2222 128 54159	577-285
10	22	9.0	1.7	9.5	7.0	5.0	2222 128 54229	577-297
10	33	6.1	0.5	9.5	8.0	5.0	2222 128 54339	577-303
10	47	4.3	0.5	9.5	8.0	6.0	2222 128 54479	577-315
16	2.2	91	5.0	9.5	7.0	3.5	2222 128 55228	577-327
16	3.3	61	5.0	9.5	7.0	3.5	2222 128 55338	577-339
16	4.7	43	2.0	9.5	7.0	4.0	2222 128 55478	577-340
16	6.8	30	1.5	9.5	7.0	4.0	2222 128 55688	577-352
16	10	20	1.0	9.5	7.0	5.0	2222 128 55109	577-364
16	15	14	0.7	9.5	8.0	5.0	2222 128 55159	577-376
16	22	9.0	0.7	9.5	8.0	6.0	2222 128 55229	577-388
25	1.0	200	15	9.5	7.0	3.5	2222 128 56108	577-390
25	2.2	91	10	9.5	7.0	4.0	2222 128 56228	577-406
25	3.3	61	7.0	9.5	7.0	5.0	2222 128 56338	577-418
25	4.7	43	5.0	9.5	8.0	5.0	2222 128 56478	577-420
25	6.8	30	3.0	9.5	8.0	6.0	2222 128 56668	577-431
25	10	20	2.0	9.5	8.0	6.0	2222 128 56109	577-443
40	0.1	1990	45	9.5	7.0	3.0	2222 128 37107	334-7424
40	0.22	910	27	9.5	7.0	3.5	2222 128 37227	334-7436
40	0.47	430	15	9.5	7.0	5.0	2222 128 37477	334-7448
40	1.0	200	10	9.5	8.0	6.0	2222 128 57108	577-455
40	2.2	91	4.2	9.5	8.0	6.0	2222 128 37228	334-7450

CAP2

Order Multiple=5

Voltage d.c.	µF	Order Code	Price Each			
			5+	100+	1000+	3000+
6.3	10	577-224				
6.3	22	577-236				
6.3	47	577-248				
6.3	68	577-250				
10	4.7	577-261				
10	10	577-273				
10	15	577-285				
10	22	577-297				
10	33	577-303				
10	47	577-315				
16	2.2	577-327				
16	3.3	577-339				
16	4.7	577-340				
16	6.8	577-352				
16	10	577-364				
16	15	577-376				
16	22	577-388				
25	1.0	577-390				
25	2.2	577-406				
25	3.3	577-418				
25	4.7	577-420				
25	6.8	577-431				
25	10	577-443				
40	0.1	NEW 334-7424				
40	0.22	NEW 334-7436				
40	0.47	NEW 334-7448				
40	1.0	577-455				
40	2.2	NEW 334-7450				

OS-CON Solid Electrolyte

The OS-CON is a solid aluminium capacitor with organic semiconductive electrolyte. Its principle advantages are its high frequency characteristics, very low ESR, high ripple current capabilities and long life.

CAP175

SM Series – Surface Mount



● SM series horizontal surface mount



Case Code	W	H	L	Pitch
A	4.6	4.6	7.3	3.6
B	5.6	5.6	7.3	4.4
C	7	7	9	5.5
D	7	7	12	5.5
E	8.8	8.8	13	7

Operating temperature: -55°C to +105°C Tolerance: ±20%

Voltage d.c.	µF	Case Code	Ripple (mA) @ 10kHz +85°C	ESR (mΩ) @ 100kHz	Mfrs. List No.	Order Code
6.3	150	E	1225	80	6SM150M	660-802
10	22	C	490	150	10SM22M	660-814
10	47	D	833	125	10SM47M	660-826
10	100	E	1183	80	10SM100M	660-838
20	10	C	434	150	20SM10M	660-840
20	22	D	770	125	20SM22M	660-851
20	33	D	805	125	20SM33M	660-863
20	47	E	840	80	20SM47M	660-875

CAP180

Voltage d.c.	µF	Order Code	Price Each		
			1+	50+	100+
6.3	150	660-802			
10	22	660-814			
10	47	660-826			
10	100	660-838			
20	10	660-840			
20	22	660-851			
20	33	660-863			
20	47	660-875			

continued

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Don't forget we're here to take your orders,
From 8.30am to 6.30pm Mon - Fri and
from 9am to 12pm on Saturday.