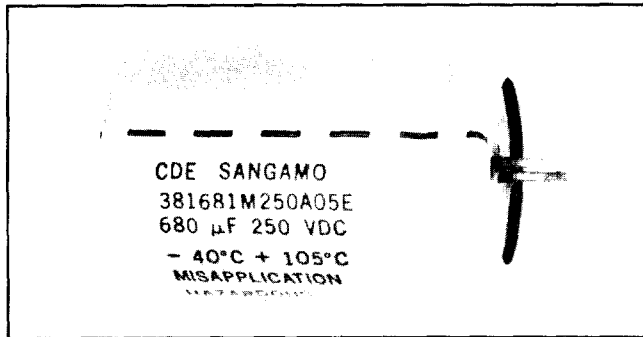


Rugged Snap-in PressLok™, 105°C Type 381 — The longer life, higher ripple choice.



Type 381 brings 105°C capability and longer life to the rugged construction of type 380. It's the snap-in of choice for really high ripple applications.

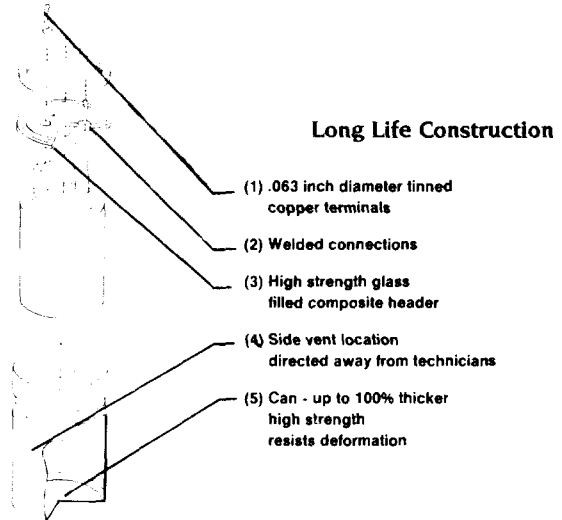
Performance Highlights:

- Capacitance 47 μF to 120,000 μF ±20%
- Voltage range 6.3 Vdc to 400 Vdc
- Operating temperature -40°C +105°C
- 2000 hours load life test at +105°C
- 1000 hours full-ripple life test at +85°C
- 500 hours shelf life test at +105°C
- Leakage current ≤ 0.005 CV μA

Ratings:

Capacitance μF	ESR, ohms		Ripple amps, 85°C		Nominal Case Size D x L (mm)	Catalog Number
	max @ 120 Hz	130% @ 20 kHz	120Hz	20kHz		
6.3 Vdc — 10 Vdc Surge						
8,200	0.101	0.047	3.2	3.6	22 x 25	381822M6R3H012
12,000	0.074	0.035	4.0	4.6	22 x 30	381123M6R3H022
12,000	0.083	0.041	3.7	4.1	25 x 25	381123M6R3J012
15,000	0.059	0.028	4.8	5.4	22 x 35	381153M6R3H032
18,000	0.049	0.023	5.6	6.3	22 x 40	381183M6R3H042
18,000	0.049	0.023	6.2	7.0	30 x 25	381183M6R3K012
18,000	0.061	0.030	4.7	5.2	25 x 30	381183M6R3J022
22,000	0.049	0.024	5.5	6.1	25 x 35	381223M6R3J032
27,000	0.036	0.017	7.7	8.7	30 x 30	381273M6R3K022
27,000	0.040	0.020	6.5	7.1	25 x 40	381273M6R3J042
33,000	0.029	0.014	9.1	10.2	30 x 35	381333M6R3K032
33,000	0.032	0.015	9.0	9.9	35 x 30	381333M6R3A022
39,000	0.024	0.011	10.5	11.7	30 x 40	381393M6R3K042
39,000	0.025	0.012	10.1	11.1	35 x 35	381393M6R3A032
39,000	0.029	0.015	8.2	8.9	25 x 50	381393M6R3J052
47,000	0.021	0.010	11.1	12.2	35 x 40	381473M6R3A042
56,000	0.017	0.008	12.3	13.6	30 x 50	381563M6R3K052
68,000	0.015	0.007	13.0	14.0	35 x 50	381683M6R3A052
82,000	0.013	0.006	14.6	15.6	35 x 63	381823M6R3A062
100,000	0.011	0.005	15.9	16.9	35 x 70	381104M6R3A072
120,000	0.009	0.005	16.9	17.7	35 x 80	381124M6R3A082
7.5 Vdc — 12 Vdc Surge						
8,200	0.110	0.047	3.1	3.6	22 x 25	381822M7R5H012
12,000	0.081	0.035	3.9	4.6	22 x 30	381123M7R5H022
12,000	0.090	0.041	3.6	4.1	25 x 25	381123M7R5J012
15,000	0.064	0.028	4.6	5.4	22 x 35	381153M7R5H032
15,000	0.066	0.030	4.6	5.2	25 x 30	381153M7R5J022
18,000	0.053	0.024	5.4	6.1	25 x 35	381183M7R5J032
18,000	0.053	0.023	5.4	6.3	22 x 40	381183M7R5H042
18,000	0.053	0.023	6.0	7.0	30 x 25	381183M7R5K012
22,000	0.039	0.017	7.5	8.7	30 x 30	381223M7R5K022
22,000	0.043	0.020	6.3	7.1	25 x 40	381223M7R5J042
27,000	0.031	0.014	8.8	10.2	30 x 35	381273M7R5K032

For 3 Lead Configuration change 3 to 4 (e.g. 381 to 481)



Capacitance μF	ESR, ohms		Ripple amps, 85°C		Nominal Case Size D x L (mm)	Catalog Number
	max @ 120 Hz	130% @ 20 kHz	120Hz	20kHz		
7.5 Vdc — 12 Vdc Surge						
27,000	0.034	0.015	8.8	9.9	35 x 30	381273M7R5A022
33,000	0.032	0.015	8.0	8.9	25 x 50	381333M7R5J052
39,000	0.026	0.011	10.2	11.7	30 x 40	381393M7R5K042
39,000	0.027	0.012	9.9	11.1	35 x 35	381393M7R5A032
47,000	0.019	0.008	12.0	13.6	30 x 50	381473M7R5K052
47,000	0.022	0.010	10.9	12.2	35 x 40	381473M7R5A042
68,000	0.016	0.008	12.7	14.0	35 x 50	381683M7R5A052
82,000	0.013	0.006	14.3	15.6	35 x 63	381823M7R5A062
100,000	0.011	0.005	15.6	16.8	35 x 70	381104M7R5A072
120,000	0.010	0.005	16.6	17.7	35 x 80	381124M7R5A082
10 Vdc — 15 Vdc Surge						
6,800	0.121	0.047	3.0	3.6	22 x 25	381682M010H012
10,000	0.089	0.035	3.7	4.6	22 x 30	381103M010H022
10,000	0.098	0.041	3.5	4.1	25 x 25	381103M010J012
12,000	0.070	0.028	4.4	5.4	22 x 35	381123M010H032
15,000	0.058	0.023	5.2	6.3	22 x 40	381153M010H042
15,000	0.059	0.023	5.7	7.0	30 x 25	381153M010K012
15,000	0.072	0.030	4.4	5.1	25 x 30	381153M010J022
18,000	0.057	0.024	5.3	6.1	25 x 35	381183M010J032
22,000	0.043	0.017	7.2	8.7	30 x 30	381223M010K022
22,000	0.047	0.020	6.1	7.1	25 x 40	381223M010J042
27,000	0.034	0.014	8.5	10.2	30 x 35	381273M010K032
27,000	0.037	0.015	8.5	9.9	35 x 30	381273M010A022
33,000	0.028	0.011	9.8	11.7	30 x 40	381333M010K042
33,000	0.030	0.012	9.6	11.1	35 x 35	381333M010A032
33,000	0.034	0.015	7.8	8.9	25 x 50	381333M010J052
39,000	0.025	0.010	10.6	12.2	35 x 40	381393M010A042
47,000	0.021	0.008	11.6	13.5	30 x 50	381473M010K052
56,000	0.018	0.008	12.4	14.0	35 x 50	381563M010A052
68,000	0.015	0.006	14.0	15.6	35 x 63	381683M010A062
82,000	0.012	0.005	15.3	16.8	35 x 70	381823M010A072
100,000	0.011	0.005	16.3	17.7	35 x 80	381104M010A082

Capacitance uF	ESR, ohms		Ripple amps.		Nominal Case Size D x L (mm)	Catalog Number
	max @ 120 Hz	±30% @ 20 kHz	85°C			
			120Hz	20kHz		
400 Vdc — 475 Vdc Surge						
47	1.790	0.760	0.7	1.0	22 x 25	381470M400H012
68	1.310	0.550	0.8	1.3	22 x 30	381680M400H022
68	1.330	0.568	0.9	1.3	25 x 25	381680M400J012
82	0.968	0.414	1.1	1.6	25 x 30	381820M400J022
82	1.030	0.435	1.0	1.5	22 x 35	381820M400H032
100	0.846	0.356	1.2	1.8	22 x 40	381101M400H042
100	0.925	0.389	1.3	1.9	30 x 25	381101M400K012
120	0.674	0.283	1.6	2.4	30 x 30	381121M400K022
120	0.765	0.327	1.3	1.9	25 x 35	381121M400J032
150	0.532	0.224	1.9	2.8	30 x 35	381151M400K032
150	0.547	0.232	2.0	3.0	35 x 30	381151M400A022
150	0.627	0.268	1.6	2.3	25 x 40	381151M400J042
180	0.436	0.184	2.3	3.4	30 x 40	381181M400K042
180	0.445	0.191	2.0	2.9	25 x 50	381181M400J052
220	0.355	0.151	2.6	3.8	35 x 40	381221M400A042
220	0.433	0.184	2.3	3.4	35 x 35	381221M400A032
270	0.309	0.130	2.8	4.2	30 x 50	381271M400K052
330	0.251	0.107	3.2	4.7	35 x 50	381331M400A052
390	0.202	0.086	3.9	5.6	35 x 63	381391M400A062
560	0.142	0.060	5.1	7.5	35 x 80	381561M400A082
560	0.168	0.072	4.5	6.5	35 x 70	381561M400A072

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Aluminium Electrolytic Capacitors - Snap In category:

Click to view products by Cornell Dubilier manufacturer:

Other Similar products are found below :

[NRLF103M25V35X20F](#) [EET-XB2W221LA](#) [419-2066-400](#) [B41231C4229M](#) [B43508C5337M062](#) [MAL215969181E3](#) [ALC40F1012DH](#)
[ALC40E1004EL](#) [383LX332M250N082V](#) [LGZ2W101MELB30](#) [LGZ2W151MELB40](#) [LGZ2W271MELC45](#) [LGZ2W221MELC40](#)
[LGZ2W331MELC50](#) [LGZ2W121MELC25](#) [HFE102M35070FVA](#) [KN821M40035x50A](#) [EHP337M2DO25SW](#) [EKMM451VSN471MA45S](#)
[EKMW451VSN331MR30S](#) [ELXS601VSN121MA30S](#) [ESMH101VNN682MA50U](#) [KN471M20022*36A](#) [ELH2GM221P30KT](#)
[ELT2WM221Q35KT](#) [CK221MOH40B](#) [CL221KPI30B](#) [CL271MPI40B](#) [CL471MVJ50B](#) [EKMR451VSN471MA35S](#)
[EKMR451VSN151MP35S](#) [ELXS421VSN221MP45S](#) [KN331M40030*35A](#) [ELG229M016AS3AA](#) [B43541A6397M000](#) [B43544C6227M000](#)
[B43630B5477M067](#) [B43630F2827M000](#) [B43640E9477M000](#) [B43644J6477M000](#) [MAL215757331E3](#) [MAL229956561E3](#)
[MAL229966182E3](#) [MAL229967471E3](#) [MAL229967821E3](#) [ALC70A821EF400](#) [ALC70A102EH400](#) [MAL205658102E3](#) [MAL205855103E3](#)
[MAL209436471E3](#)