

ALUMINUM ELECTROLYTIC CAPACITORS

SS2 Series and SS3 Series — Featuring Overvoltage Resistance



- **SS2 Series - Standard Size**
- **SS3 Series - Small Size**
- **Overvoltage resistant.** Both SS2 Series and SS3 Series are designed to fail in the open mode without spiking or catching fire when excess voltage is applied. (1.5 times the rated voltage with 7A current max.)
- **These models offer R: 2-Claw Terminals as standard.**
U: Straight Short Terminals are also available.
Place the appropriate designation in the Part Number. (R is shown.)

For outline drawings and dimensions see page 47.

SS2 Series and SS3 Series

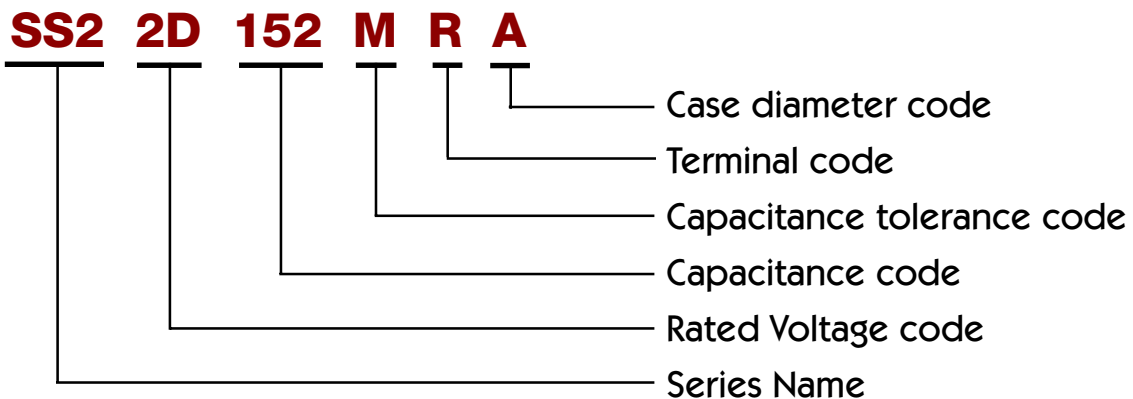
Ripple Current Correction Coefficient

Temperature (°C)	40	55	70	85	105
Correction Coefficient	2.5	2.2	2.0	1.8	1.0

Frequency (Hz)	50/60	120	400	1K	≥10K
Correction Coefficient	0.8	1.0	1.1	1.3	1.4

Product Numbering System for SS2 and SS3 Series

Example: SS2 Series, 200V, 1,500µF, ±20%, 2-claw terminal, 35mm diameter case



Capacitance Code: To determine Capacitance code use the first 2 digits of the Capacitance followed by the number of zeros. Using the above example of 1,500: 15 + 2 zeros = 152.

ALUMINUM ELECTROLYTIC CAPACITORS

SS2 Series

•Life rating to 2,000 hours at 105°C •Temperature range -40°C to +105°C

Standard Size •Overvoltage resistant

Rated Voltage (WVDC)	Part Number	Capacitance	Case Size ØD x L (mm)	Maximum Ripple Current (A rms) @105° C,120Hz	Maximum ESR (mΩ)	Typical ESL (nH)
200 Volts (Code: 2D)	SS22D151MRX	150	22 X 25	0.62	590	4
	SS22D181MRX	180	22 X 30	0.73	540	5
	SS22D221MRX	220	22 X 30	0.79	400	5
	SS22D221MRY	220	25 X 25	0.77	400	5
	SS22D271MRX	270	22 X 35	0.95	360	6
	SS22D271MRY	270	25 X 30	0.90	360	6
	SS22D331MRX	330	22 X 40	1.10	295	7
	SS22D331MRY	330	25 X 30	1.00	295	7
	SS22D391MRX	390	22 X 50	1.31	250	8
	SS22D391MRY	390	25 X 35	1.16	250	8
	SS22D391MRZ	390	30 X 25	1.11	250	8
	SS22D471MRY	470	25 X 40	1.33	210	8
	SS22D471MRZ	470	30 X 30	1.30	210	8
	SS22D561MRY	560	25 X 45	1.52	175	9
	SS22D561MRZ	560	30 X 30	1.42	175	9
	SS22D561MRA	560	35 X 25	1.41	175	9
	SS22D681MRZ	680	30 X 35	1.65	145	9
	SS22D681MRA	680	35 X 30	1.65	145	9
	SS22D821MRZ	820	30 X 40	1.89	120	10
	SS22D821MRA	820	35 X 30	1.82	120	10
SS22D102MRZ	1,000	30 X 50	2.29	100	11	
SS22D102MRA	1,000	35 X 36	2.13	100	11	
SS22D122MRA	1,200	35 X 40	2.42	85	11	
SS22D152MRA	1,500	35 X 50	2.95	65	12	
400 Volts (Code: 2G)	SS22G680MRX	68	22 X 30	0.58	1300	3
	SS22G820MRX	82	22 X 30	0.67	1080	3
	SS22G820MRY	82	25 X 25	0.61	1080	3
	SS22G101MRX	100	22 X 40	0.79	890	3
	SS22G101MRY	100	25 X 30	0.72	890	3
	SS22G121MRX	120	22 X 45	0.91	740	3
	SS22G121MRY	120	25 X 35	0.84	740	3
	SS22G121MRZ	120	30 X 25	0.81	740	3
	SS22G151MRY	150	25 X 40	0.99	590	4
	SS22G151MRZ	150	30 X 30	0.96	590	4
	SS22G181MRY	180	25 X 45	1.14	490	4
	SS22G181MRZ	180	30 X 30	1.05	490	4
	SS22G181MRA	180	35 X 25	1.05	490	4
	SS22G221MRZ	220	30 X 35	1.23	400	5
	SS22G221MRA	220	35 X 30	1.24	400	5
	SS22G271MRZ	270	30 X 40	1.43	330	5
	SS22G271MRA	270	35 X 36	1.45	330	5
	SS22G331MRZ	330	30 X 50	1.73	270	6
	SS22G331MRA	330	35 X 40	1.67	270	6
	SS22G391MRA	390	35 X 45	1.90	230	6
SS22G471MRA	470	35 X 50	2.16	190	7	

ALUMINUM ELECTROLYTIC CAPACITORS

SS3 Series

•Life rating to 2,000 hours at 105°C •Temperature range -40°C to +105°C

Small Size

•Overvoltage resistant.

Rated Voltage (WVDC)	Part Number	Capacitance	Case Size ØD x L (mm)	Maximum Ripple Current (A rms) @105° C,120Hz	Maximum ESR (mΩ)	Typical ESL (nH)
400 Volts (Code: 2G)	SS32G680MRX	68	22 X 25	0.54	1300	3
	SS32G820MRX	82	22 X 30	0.64	1080	3
	SS32G820MRY	82	25 X 25	0.61	1080	3
	SS32G101MRX	100	22 X 35	0.74	890	3
	SS32G101MRY	100	25 X 30	0.71	890	3
	SS32G121MRX	120	22 X 40	0.86	740	3
	SS32G121MRY	120	25 X 30	0.79	740	4
	SS32G151MRX	150	22 X 45	1.01	590	4
	SS32G151MRY	150	25 X 35	0.93	590	4
	SS32G151MRZ	150	30 X 25	0.91	590	4
	SS32G181MRY	180	25 X 40	1.06	490	4
	SS32G181MRZ	180	30 X 30	1.05	490	4
	SS32G181MRA	180	35 X 25	1.05	490	5
	SS32G221MRY	220	25 X 45	1.24	400	5
	SS32G221MRZ	220	30 X 35	1.11	400	5
	SS32G221MRA	220	35 X 30	1.23	400	5
	SS32G271MRZ	270	30 X 40	1.43	330	5
	SS32G271MRA	270	35 X 30	1.36	330	5
	SS32G331MRZ	330	30 X 45	1.64	270	6
	SS32G331MRA	330	35 X 35	1.58	270	6
SS32G391MRA	390	35 X 40	1.80	230	6	
SS32G471MRA	470	35 X 45	2.06	190	7	