

ALUMINUM ELECTROLYTIC CAPACITORS

HP3 Series

- Life rating to 2,000 hours at 85°C
- Temperature range -40°C to +85°C
- 400V, 420V and 450V models of the HP3 series have been upgraded to provide smaller sizes in the same voltage and capacitance as the standard HP3.

Rated Voltage (WVDC)	Part Number	Capacitance	Case Size ØD x L (mm)	Maximum Ripple Current (A rms) @85° C, 120Hz	Maximum ESR (mΩ)	Typical ESL (nH)
400 Volts (Code: 2G)	HP32G820MCWS2	82	20 X 25	0.81	1295	3
	HP32G101MCWS3	100	20 X 30	0.95	1065	3
	HP32G101MCXS2	100	22 X 25	0.92	1065	3
	HP32G121MCWS4	120	20 X 35	1.11	885	3
	HP32G121MCX	120	22 X 30	1.07	885	3
	HP32G121MCY	120	25 X 25	1.06	710	4
	HP32G151MCXS3	150	22 X 30	1.20	710	4
	HP32G151MCY	150	25 X 30	1.26	590	4
	HP32G181MCXS4	180	22 X 35	1.38	590	4
	HP32G181MCYS3	180	25 X 30	1.38	485	5
	HP32G181MCZ	180	30 X 25	1.38	485	5
	HP32G221MCXS5	220	22 X 40	1.62	395	5
	HP32G221MCYS4	220	25 X 35	1.62	395	5
	HP32G221MCZ	220	30 X 30	1.62	325	6
	HP32G271MCXS6	270	22 X 45	1.88	325	6
	HP32G271MCYS5	270	25 X 40	1.88	275	6
	HP32G271MCZS3	270	30 X 30	1.79	275	6
	HP32G271MCAS2	270	35 X 25	1.79	230	7
	HP32G331MCY	330	25 X 50	2.26	230	7
	HP32G331MCZS4	330	30 X 35	2.08	190	8
	HP32G331MCA	330	35 X 30	2.10	190	8
	HP32G391MCZS5	390	30 X 40	2.38	160	10
	HP32G391MCA	390	35 X 35	2.42	130	13
	HP32G471MCZS6	470	30 X 45	2.75	110	13
	HP32G471MCAS4	470	35 X 35	2.63	90	14
	HP32G561MCZS7	560	30 X 50	3.10	75	14
	HP32G561MCAS5	560	35 X 40	3.01	90	14
	HP32G681MCA	680	35 X 50	3.59	75	14



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420 Volts (Code: 420V)	HP3420V680MCWS2	68	20 X 25	0.73	1340	3
	HP3420V101MCWS3	100	20 X 30	0.95	1340	3
	HP3420V101MCXS2	100	22 X 25	0.92	1100	3
	HP3420V121MCWS4	120	20 X 35	1.11	1100	3
	HP3420V121MCXS3	120	22 X 30	1.07	915	4
	HP3420V121MCYS2	120	25 X 25	1.06	915	4
	HP3420V151MCXS4	150	22 X 35	1.26	735	5
	HP3420V151MCYS3	150	25 X 30	1.26	735	5
	HP3420V181MCXS5	180	22 X 40	1.46	610	5
	HP3420V181MCYS4	180	25 X 35	1.46	610	5
	HP3420V181MCZS2	180	30 X 25	1.38	500	5
	HP3420V221MCXS6	220	22 X 45	1.70	500	5
	HP3420V221MCYS5	220	25 X 40	1.70	410	10
	HP3420V221MCZS3	220	30 X 30	1.62	410	10
	HP3420V221MCAS2	220	35 X 25	1.62	335	10
	HP3420V271MCXS7	270	22 X 50	1.96	335	10
	HP3420V271MCYS6	270	25 X 45	1.96	285	12
	HP3420V271MCZ	270	30 X 35	1.90	285	12
	HP3420V271MCA	270	35 X 30	1.90	235	14
	HP3420V331MCYS7	330	25 X 50	2.26	235	14
	HP3420V331MCZ	330	30 X 40	2.19	200	16
	HP3420V331MCAS3	330	35 X 30	2.10	165	17
	HP3420V391MCZS5	390	30 X 40	2.38	165	17
	HP3420V391MCAS4	390	35 X 35	2.40	135	18
	HP3420V471MCZS7	470	30 X 50	2.84	135	18
	HP3420V471MCAS5	470	35 X 40	3.75	110	20
	HP3420V561MCAS6	560	35 X 45	3.13	85	22
	HP3420V681MCAS7	680	35 X 50	3.59	110	20



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450 Volts (Code: 2W)	HP32W560MCWS2	56	20 X 25	0.67	1340	3
	HP32W820MCWS3	82	20 X 30	0.86	1340	3
	HP32W820MCXS2	82	22 X 25	0.83	1100	3
	HP32W101MCWS4	100	20 X 35	1.01	1100	3
	HP32W101MCXS3	100	22 X 30	0.98	915	4
	HP32W101MCYS2	100	25 X 25	0.96	915	4
	HP32W121MCXS3	120	22 X 30	1.07	735	5
	HP32W121MCY	120	25 X 30	1.13	735	5
	HP32W151MCXS4	150	22 X 35	1.26	610	5
	HP32W151MCYS3	150	25 X 30	1.26	610	5
	HP32W151MCZS2	150	30 X 25	1.26	500	5
	HP32W181MCXS5	180	22 X 40	1.46	500	5
	HP32W181MCYS4	180	25 X 35	1.46	410	10
	HP32W181MCZ	180	30 X 30	1.46	410	10
	HP32W221MCXS7	220	22 X 50	1.77	335	10
	HP32W221MCYS5	220	25 X 40	1.70	335	10
	HP32W221MCZS3	220	30 X 30	1.62	285	12
	HP32W221MCAS2	220	35 X 25	1.62	285	12
	HP32W271MCYS6	270	25 X 45	1.96	235	14
	HP32W271MCZS4	270	30 X 35	1.90	235	14
	HP32W271MCAS3	270	35 X 30	1.90	200	16
	HP32W331MCZS5	330	30 X 40	2.19	165	17
	HP32W331MCA	330	35 X 35	2.23	165	17
	HP32W391MCZS6	390	30 X 45	2.48	135	18
	HP32W391MCA	390	35 X 40	2.51	135	18
	HP32W471MCZS7	470	30 X 50	2.84	110	20
	HP32W471MCA	470	35 X 45	2.88	85	22
	HP32W561MCAS7	560	35 X 50	3.26	110	20

