



**COMPONENTS**

**C A P A C I T O R S**

(TEL) 516-791-1121  
(FAX) 516-791-1171

(EMAIL) [sales@avcomponents.net](mailto:sales@avcomponents.net)  
(WEB) [www.avcomponents.net](http://www.avcomponents.net)

# ALUMINUM ELECTROLYTIC RADIAL 105° C

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A capacitor or condenser is a passive electronic component consisting of a pair of conductors separated by a dielectric. When a potential difference exists across the conductors, an electric field is present in the dielectric. This field stores energy and produces a mechanical force between the plates. The effect is greatest between wide, flat, parallel, narrowly separated conductors. An ideal capacitor is characterized by a single constant value, capacitance, which is measured in farads. This is the ratio of the electric charge on each conductor to the potential difference between them. In practice, the dielectric between the plates passes a small amount of leakage current. The conductors and leads introduce an equivalent series resistance and the dielectric has an electric field strength limit resulting in a breakdown voltage. Capacitors are widely used in electronic circuits to block the flow of direct current while allowing alternating current to pass, to filter out interference, to smooth the output of power supplies, and for many other purposes. They are used in resonant circuits in radio frequency equipment to select particular frequencies from a signal with many frequencies. Generally sold in bulk, we can package the capacitors in packs of 1, 2, 5, or 10. Add -B for 1pk, -2B for 2pk, -V for 5pk and -X for 10pk. Additional price for the packages will range from \$0.25 to \$0.50 per pack depending on the size of the package. Private labels are available upon request with no extra charge.

PART#	VOLTS	MFD	CASE SIZE (mm)	PART#	VOLTS	MFD	CASE SIZE (mm)
HTR 6.3-22	6.3	22	5 X 11	HTR 10-22	10	22	5 X 11
HTR 6.3-33	6.3	33	5 X 7	HTR 10-33	10	33	5 X 7
HTR 6.3-47	6.3	47	5 X 7	HTR 10-47	10	47	5 X 11
HTR 6.3-100	6.3	100	5 X 11	HTR 10-100	10	100	5 X 11
HTR 6.3-220	6.3	220	5 X 11	HTR 10-220	10	220	5 X 11
HTR 6.3-330	6.3	330	6.3 X 11	HTR 10-330	10	330	6 X 11
HTR 6.3-470	6.3	470	6 X 11	HTR 10-470	10	470	6 X 11
HTR 6.3-680	6.3	680	8 X 11	HTR 10-680	10	680	10 X 13
HTR 6.3-820	6.3	820	8 X 11	HTR 10-820	10	820	10 X 12
HTR 6.3-1000	6.3	1000	8 X 11	HTR 10-1000	10	1000	10 X 13
HTR 6.3-1200	6.3	1200	8 X 15	HTR 10-1200	10	1200	10 X 20
HTR 6.3-1500	6.3	1500	10 X 20	HTR 10-1500	10	1500	10 X 20
HTR 6.3-1800	6.3	1800	8 X 20	HTR 10-1800	10	1800	10 X 20
HTR 6.3-2200	6.3	2200	10 X 16	HTR 10-2200	10	2200	10 X 21
HTR 6.3-3300	6.3	3300	10 X 20	HTR 10-3300	10	3300	13 X 21
HTR 6.3-4700	6.3	4700	12.5 X 20	HTR 10-4700	10	4700	12.5 X 25
HTR 6.3-6800	6.3	6800	12.5 X 25	HTR 10-6800	10	6800	16 X 25
HTR 6.3-10000	6.3	10000	16 X 25				

PART#	VOLTS	MFD	CASE SIZE (mm)	PART#	VOLTS	MFD	CASE SIZE (mm)
HTR 16-10	16	10	5 X 11	HTR 25-4.7	25	4.7	5 X 11
HTR 16-22	16	22	5 X 11	HTR 25-6.8	25	6.8	4 X 7
HTR 16-33	16	33	5 X 11	HTR 25-10	25	10	5 X 11
HTR 16-47	16	47	5 X 11	HTR 25-22	25	22	5 X 11
HTR 16-68	16	68	6.3 X 11	HTR 25-33	25	33	5 X 11
HTR 16-82	16	82	5 X 15	HTR 25-47	25	47	5 X 11
HTR 16-100	16	100	5 X 11	HTR 25-68	25	68	6.3 X 11
HTR 16-220	16	220	6 X 11	HTR 25-82	25	82	6.3 X 11
HTR 16-330	16	330	8 X 11.5	HTR 25-100	25	100	6 X 11
HTR 16-470	16	470	8 X 11	HTR 25-220	25	220	8 X 11
HTR 16-680	16	680	10 X 13	HTR 25-330	25	330	8 X 11.5
HTR 16-820	16	820	10 X 16	HTR 25-470	25	470	10 X 13
HTR 16-1000	16	1000	10 X 16	HTR 25-680	25	680	10 X 21
HTR 16-1200	16	1200	10 X 16	HTR 25-820	25	820	10 X 21
HTR 16-1500	16	1500	10 X 16	HTR 25-1000	25	1000	10 X 16
HTR 16-1800	16	1800	10 X 25	HTR 25-1200	25	1200	10 X 20
HTR 16-2200	16	2200	13 X 21	HTR 25-1500	25	1500	10 X 26
HTR 16-3300	16	3300	13 X 26	HTR 25-1800	25	1800	12.5 X 25
HTR 16-4700	16	4700	16 X 25	HTR 25-2200	25	2200	13 X 26
				HTR 25-3300	25	3300	16 X 26
				HTR 25-4700	25	4700	16 X 31.5



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PART#	VOLTS	MFD	CASE SIZE (mm)				
				HTR 50-.47	50	.47	4 X 7
HTR 35-1	35	1	8 X 11.5	HTR 50-1	50	1	5 X 11
HTR 35-2.2	35	2.2	3 X 5	HTR 50-2.2	50	2.2	5 X 11
HTR 35-3.3	35	3.3	3 X 5	HTR 50-3.3	50	3.3	5 X 11
HTR 35-4.7	35	4.7	5 X 11	HTR 50-4.7	50	4.7	5 X 11
HTR 35-6.8	35	6.8	4 X 7	HTR 50-6.8	50	6.8	5 X 11
HTR 35-10	35	10	5 X 11	HTR 50-10	50	10	5 X 11
HTR 35-22	35	22	5 X 11	HTR 50-22	50	22	5 X 11
HTR 35-33	35	33	5 X 11	HTR 50-33	50	33	5 X 11
HTR 35-47	35	47	6 X 11	HTR 50-47	50	47	6 X 11
HTR 35-68	35	68	6.3 X 11	HTR 50-68	50	68	6.3 X 11
HTR 35-82	35	82	6.3 X 15	HTR 50-82	50	82	8 X 15
HTR 35-100	35	100	6 X 11	HTR 50-100	50	100	8 X 12
HTR 35-220	35	220	8 X 11	HTR 50-150	50	150	10 X 16
HTR 35-330	35	330	10 X 13	HTR 50-220	50	220	10 X 13
HTR 35-470	35	470	10 X 16	HTR 50-330	50	330	10 X 16
HTR 35-680	35	680	10 X 21	HTR 50-470	50	470	10 X 21
HTR 35-820	35	820	12.5 X 25	HTR 50-560	50	560	12.5 X 25
HTR 35-1000	35	1000	13 X 21	HTR 50-680	50	680	13 X 21
HTR 35-1200	35	1200	13 X 26	HTR 50-820	50	820	12.5 X 35.5
HTR 35-1500	35	1500	16 X 25	HTR 50-1000	50	1000	13 X 26
HTR 35-1800	35	1800	12.5 X 40	HTR 50-1200	50	1200	16 X 25
HTR 35-2200	35	2200	16 X 25	HTR 50-1500	50	1500	16 X 25
HTR 35-3300	35	3300	16 X 35	HTR 50-1800	50	1800	18 X 31.5
HTR 35-4700	35	4700	18 X 35.5	HTR 50-2200	50	2200	16 X 35
				HTR 50-3300	50	3300	16 X 35
				HTR 50-4700	50	4700	16 X 35

PART#	VOLTS	MFD	CASE SIZE (mm)	PART#	VOLTS	MFD	CASE SIZE (mm)
HTR 63-2.2	63	2.2	5 X 11	HTR 100-.47	100	.47	5 X 11
HTR 63-3.3	63	3.3	5 X 11	HTR 100-1	100	1	5 X 11
HTR 63-4.7	63	4.7	5 X 11	HTR 100-2.2	100	2.2	5 X 11
HTR 63-10	63	10	5 X 11	HTR 100-3.3	100	3.3	5 X 11
HTR 63-22	63	22	5 X 11	HTR 100-4.7	100	4.7	5 X 11
HTR 63-33	63	33	6.3 X 11	HTR 100-10	100	10	5 X 11
HTR 63-47	63	47	6.3 X 11	HTR 100-15	100	15	6 X 11
HTR 63-68	63	68	8 X 11	HTR 100-22	100	22	6 X 11
HTR 63-100	63	100	5 X 11	HTR 100-33	100	33	8 X 11.5
HTR 63-220	63	220	10 X 16	HTR 100-39	100	39	7 X 12
HTR 63-330	63	330	10 X 12.5	HTR 100-47	100	47	10 X 13
HTR 63-470	63	470	12.5 X 20	HTR 100-100	100	100	10 X 21
HTR 63-680	63	680	16 X 25	HTR 100-220	100	220	12.5 X 25
HTR 63-1000	63	1000	16 X 25	HTR 100-330	100	330	16 X 25
				HTR 100-470	100	470	16 X 25
				HTR 100-1000	100	1000	18 X 40

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PART#	VOLTS	MFD	CASE SIZE (mm)	PART#	VOLTS	MFD	CASE SIZE (mm)
HTR 160-.47	160	.47	6.3 X 11	HTR 200-1	200	1	6.3 X 11
HTR 160-1	160	1	6.3 X 11	HTR 200-2.2	200	2.2	6.3 X 11
HTR 160-2.2	160	2.2	6.3 X 11	HTR 200-3.3	200	3.3	6.3 X 11
HTR 160-3.3	160	3.3	6.3 X 11	HTR 200-4.7	200	4.7	8 X 11.5
HTR 160-4.7	160	4.7	6.3 X 11	HTR 200-10	200	10	10 X 12.5
HTR 160-10	160	10	10 X 12.5	HTR 200-22	200	22	10 X 20
HTR 160-22	160	22	10 X 20	HTR 200-33	200	33	10 X 20
HTR 160-33	160	33	10 X 20	HTR 200-47	200	47	12.5 X 20
HTR 160-47	160	47	10 X 20	HTR 200-100	200	100	16 X 25
HTR 160-100	160	100	13 X 25	HTR 200-220	200	220	18 X 35.5
HTR 160-220	160	220	16 X 25				
HTR 160-330	160	330	18 X 31.5				

PART#	VOLTS	MFD	CASE SIZE (mm)	PART#	VOLTS	MFD	CASE SIZE (mm)
HTR 250-.47	250	.47	6.3 X 11	HTR 350-.47	350	.47	8 X 11
HTR 250-1	250	1	6.3 X 11	HTR 350-1	350	1	6.3 X 11
HTR 250-2.2	250	2.2	6.3 X 11	HTR 350-2.2	350	2.2	6.3 X 11
HTR 250-3.3	250	3.3	6.3 X 11	HTR 350-3.3	350	3.3	8 X 11.5
HTR 250-4.7	250	4.7	8 X 11.5	HTR 350-4.7	350	4.7	10 X 13
HTR 250-10	250	10	10 X 16	HTR 350-10	350	10	10 X 21
HTR 250-22	250	22	10 X 20	HTR 350-22	350	22	12.5 X 20
HTR 250-33	250	33	12.5 X 20	HTR 350-33	350	33	16 X 25
HTR 250-47	250	47	12.5 X 25	HTR 350-47	350	47	16 X 35
HTR 250-100	250	100	16 X 32	HTR 350-100	350	100	18 X 25
HTR 250-220	250	220	20 X 40	HTR 350-330	350	330	30 X 45
HTR 250-330	250	330	25 X 30				
HTR 250-470	250	470	25 X 50				
HTR 250-680	250	680	30 X 46				

PART#	VOLTS	MFD	CASE SIZE (mm)	PART#	VOLTS	MFD	CASE SIZE (mm)
HTR 400-1	400	1	10 X 12.5	HTR 450-1	450	1	10 X 12.5
HTR 400-2.2	400	2.2	8 X 11.5	HTR 450-2.2	450	2.2	10 X 12.5
HTR 400-3.3	400	3.3	10 X 12.5	HTR 450-3.3	450	3.3	10 X 16
HTR 400-4.7	400	4.7	10 X 12.5	HTR 450-4.7	450	4.7	10 X 12.5
HTR 400-10	400	10	12.5 X 20	HTR 450-10	450	10	12.5 X 20
HTR 400-22	400	22	12.5 X 20	HTR 450-22	450	22	12.5 X 25
HTR 400-33	400	33	16 X 20	HTR 450-33	450	33	12.5 X 35
HTR 400-47	400	47	16 X 25	HTR 450-47	450	47	12.5 X 40
				HTR 450-100	450	100	22 X 40