



Regular Temperature TEC Modules Selection Guide and Price List

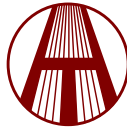
(Aug. 5th, 2013)

Internal Solder Melting Temperature: 135°C

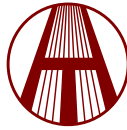
Maximum TEC Surface Temperature Allowed: 125 °C

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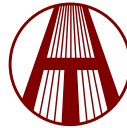
Rectangular Shape															
Part #	Imax (A)	Vmax (V)	Qmax (W)	DTmax (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					Lc	Lh	W	H							
ATE1-07-R8A	0.8	0.9	0.4	74	4		6	3	\$25.4	\$25.1	\$24.8	\$24.4	Non- sealed	0	TEC-5V4A-D
ATE1-07-1AS	1	0.8	0.6	61.5	8		8	5.18	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	5	Note 1
ATE1-07-3AS	3	0.8	1.7		8		8	3.93	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	13	Note 1
ATE1-07-6AS	6	0.8	3.4		8		8	3.55	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	0	Note 1
ATE1-08-R4A	0.44	1	0.3	71.5	2.5	3.5	2.5	2.05	\$26.5	\$26.2	\$25.9	\$25.6	Non- sealed	0	TEC-5V4A-D
ATE1-11-R8A	0.8	1.4	0.7	74.5	4		4	3	\$29.3	\$28.9	\$28.5	\$28.1	Non- sealed	0	TEC-5V4A-D
ATE1-17-R8A	0.8	2.2	1	74.5	6		6	3	\$34.6	\$34.0	\$33.4	\$32.8	Non- sealed	8	TEC-A1-5V-5V-D
ATE1-17-1.4A	1.4	2.2	2	72.5	6		6	2.47	\$34.6	\$34.0	\$33.4	\$32.8	Non- sealed	8	TEC-5V4A-D
ATE1-17-1.9A	1.9	2.2	2.8	74.5	9		9	3.8	\$32.0	\$31.5	\$31.0	\$30.5	Non- sealed	0	TEC-5V4A-D
ATE1-17-3AS	3	2	4.2	61.5	12		12	3.70	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	3	Note 1
ATE1-17-3BS	3	2	4.2		15		15	4.80	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	14	Note 1
ATE1-17-4AS	4	2	5.6		12		12	3.46	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	78	Note 1
ATE1-17-5AS	5	2	7		15		15	4.10	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	15	Note 1
ATE1-18-R4A	0.44	2.3	0.6	71.5	3.5	4.5	3.5	2.05	\$36.0	\$35.4	\$34.8	\$34.2	Non- sealed	7	TEC-A1-5V-5V-D
ATE1-18-1R5A	1.53	2.3	2.2	71	6	7.6	6	2	\$37.7	\$37.1	\$36.5	\$35.9	Non- sealed	6	TEC-5V4A-D
ATE1-19-4AS	4	2.3	5.6	61.5	20		10	4.0	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	9	Note 1
ATE1-31-R6A	0.6	3.8	1.5	75.5	8		8	3.5	\$38.6	\$38.0	\$37.4	\$36.8	Non- sealed	10	TEC-A1-5V-5V-D
ATE1-31-1A	1	3.8	2.2	75	10		10	3.9	\$38.7	\$38.1	\$37.5	\$36.9	Non- sealed	1	TEC-A1-5V-5V-D
ATE1-31-1BS	1	3.7	2.6	62	15		15	5.01	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	19	TEC-A1-5V-5V-D
ATE1-31-1.4A	1.4	3.8	3.7	72.5	8		8	2.7	\$38.8	\$38.2	\$37.6	\$37.0	Non- sealed	7	TEC-A1-5V-5V-D
ATE1-31-1.6A	1.6	3.8	3.6	74	10		10	3	\$38.9	\$38.3	\$37.7	\$37.1	Non- sealed	8	TEC-A1-5V-5V-D
ATE1-31-1.8A	1.8	3.9	4.8	75.5	15		15	4.8	\$36.8	\$36.2	\$35.6	\$35.0	Non- sealed	0	TEC-A1-5V-5V-D
ATE1-31-1.9A	1.9	3.9	5.1	74.5	13		13	3.8	\$37.9	\$37.3	\$36.7	\$36.1	Non- sealed	0	TEC-A1-5V-5V-D
ATE1-31-2AS	2	3.7	5.2	62	15		15	4.04	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	31	TEC-A1-5V-5V-D



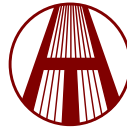
Part #	Imax (A)	Vmax (V)	Qmax (W)	DTmax (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					Lc	Lh	W	H							
ATE1-31-2BS	2	3.7	5.2	62	20		20	4.84	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	25	TEC-A1-5V-5V-D
ATE1-31-2.2A	2.2	3.9	5.5	72.5	10		10	2.5	\$39.7	\$39.1	\$38.5	\$37.9	Non- sealed	6	TEC-A1-5V-5V-D
ATE1-31-3A	3	3.9	8.1	74.5	15		15	3.8	\$38.1	\$37.5	\$36.9	\$36.3	Non- sealed	6	TEC-5V4A-D
ATE1-31-3BS	3	3.7	7.8	62	15		15	3.69	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	1	TEC-5V4A-D
ATE1-31-3CS	3	3.7	7.8		20		20	4.10	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	13	TEC-5V4A-D
ATE1-31-4AS	4	3.7	10.4		15		15	3.14	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	5	Note 1
ATE1-31-5AS	5	3.7	12		20		20	3.88	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	8	Note 1
ATE1-31-6AS	6	3.7	15.5		15		15	3.05	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	15	Note 1
ATE1-32-R4A	0.44	4.1	1.1	71.5	5	6	5	2.05	\$42.7	\$42.1	\$41.5	\$40.9	Non- sealed	10	TEC-A1-5V-5V-D
ATE1-35-1AS	1	4.2	3.2	62	30		15	4.45	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	5	TEC-A1-5V-5V-D
ATE1-35-2AS	2	4.2	5.6		30		15	4.24	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	3	TEC-A1-5V-5V-D
ATE1-35-3AS	3	4.2	8.4		30		15	4.98	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	22	TEC-5V4A-D
ATE1-49-1AS	1	5.9	4.1		20		20	5.07	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	25	TEC-A1-5V-5V-D
ATE1-49-2AS	2	5.9	8.4		20		20	3.87	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	23	TEC-A1-5V-5V-D
ATE1-49-2BS	2	5.9	8.4		25		25	4.81	\$12.5	\$12.0	\$11.5	\$11.0	Sealed	1	TEC-A1-5V-5V-D
ATE1-49-3AS	3	5.9	12.6		20		20	3.43	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	19	TEC-A1-5V-5V-D
ATE1-49-3BS	3	5.9	12.6		25		25	4.42	\$12.5	\$12.0	\$11.5	\$11.0	Sealed	28	TEC-A1-5V-5V-D
ATE1-49-4AS	4	5.9	16.8		20		20	3.30	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	3	TEC-5V4A-D
ATE1-49-4B	4	5.9	13.9	63	25		25	4.19	\$12.5	\$12.0	\$11.5	\$11.0	Non-sealed	46	TEC-5V4A-D
ATE1-49-5AS	5	5.9	17.7	62	20		20	3.22	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	21	TEC-5V4A-D
ATE1-49-5B	5	5.9	17.7	63	25		25	3.77	\$12.5	\$12.0	\$11.5	\$11.0	Non-sealed	9	TEC-5V4A-D
ATE1-49-6A	6	5.9	21.5		25		25	3.70	\$12.5	\$12.0	\$11.5	\$11.0	Non-sealed	19	Note 1
ATE1-49-6AS	6	5.9	21.5	62	25		25	3.70	\$12.5	\$12.0	\$11.5	\$11.0	Sealed	35	Note 1
ATE1-63-1.9A	1.9	8	10.4	74.5	25		12	3.8	\$42.4	\$41.8	\$41.2	\$40.6	Non- sealed	7	TEC-A1-5V-5V-D
ATE1-63-3A	3	7.6	12.7	63	30		15	3.55	\$13.2	\$12.5	\$11.9	\$11.2	Non-sealed	11	TEC-A1-5V-5V-D
ATE1-63-3.4A	3.4	8	18.8	74.5	30		15	3.6	\$46.1	\$45.5	\$44.9	\$44.3	Non- sealed	6	TEC-A1-5V-5V-D



Part #	Imax (A)	Vmax (V)	Qmax (W)	DTmax (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					Lc	Lh	W	H							
ATE1-63-6AS	6	7.6	25.2	63	40		20	3.73	\$13.2	\$12.5	\$11.9	\$11.2	Sealed	0	TEC-5V4A-D
ATE1-65-R8A	0.8	8.3	4.2	74.5	11		12	3	\$54.9	\$54.1	\$53.3	\$52.5	Non-sealed	6	TEC-A1-5V-5V-D
ATE1-71-1AS	1	8.5	5.6	63	23		23	5.07	\$13.2	\$12.5	\$11.9	\$11.2	Sealed	19	TEC-A1-5V-5V-D
ATE1-71-1.9A	1.9	9	11.7	74.5	18		18	3.8	\$42.8	\$42.2	\$41.6	\$41.0	Non-sealed	6	TEC-A1-5V-5V-D
ATE1-71-2AS	2	8.5	11.2	63	23		23	3.69	\$14.0	\$13.5	\$12.9	\$12.4	Sealed	5	TEC-A1-5V-5V-D
ATE1-71-2BS	2	8.5	11.2	63	30		30	4.20	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	20	TEC-A1-5V-5V-D
ATE1-71-3A	3	8.5	15.8	64	23		23	3.34	\$14.0	\$13.5	\$12.9	\$12.4	Non-sealed	13	TEC-A1-5V-5V-D
ATE1-71-3AS	3	8.5	15.8	63	23		23	3.34	\$14.0	\$13.5	\$12.9	\$12.4	Sealed	0	TEC-A1-5V-5V-D
ATE1-71-3B	3	8.5	16.6	64	30		30	4.80	\$15.0	\$14.5	\$13.9	\$13.4	Non-sealed	7	TEC-A1-5V-5V-D
ATE1-71-3BS	3	8.5	16.8	63	30		30	4.80	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	16	TEC-A1-5V-5V-D
ATE1-71-4A	4	8.5	21.1	64	23		23	3.20	\$14.0	\$13.5	\$12.9	\$12.4	Non-sealed	4	TEC-A1-5V-5V-D
ATE1-71-4AS	4	8.5	21.1	63	23		23	3.20	\$14.0	\$13.5	\$12.9	\$12.4	Sealed	30	TEC-A1-5V-5V-D
ATE1-71-4B	4	8.5	21.1	64	30		30	4.40	\$15.0	\$14.5	\$13.9	\$13.4	Non-sealed	8	TEC-A1-5V-5V-D
ATE1-71-4BS	4	8.5	22.4	63	30		30	4.40	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	27	TEC-A1-5V-5V-D
ATE1-71-5A	5	8.5	26.3	64	23		23	3.18	\$14.0	\$13.5	\$12.9	\$12.4	Non-sealed	23	TEC-A1-5V-5V-D
ATE1-71-5AS	5	8.5	26.3	63	23		23	3.18	\$14.0	\$13.5	\$12.9	\$12.4	Sealed	18	TEC-A1-5V-5V-D
ATE1-71-5B	5	8.5	29.1	64	30		30	4.11	\$15.0	\$14.5	\$13.9	\$13.4	Non-sealed	12	TEC-A1-5V-5V-D
ATE1-71-5BS	5	8.5	28	63	30		30	4.11	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	7	TEC-A1-5V-5V-D
ATE1-71-6AS	6	8.5	34.1	63	30		30	4.08	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	16	TEC-5V4A-D
ATE1-71-7AS	7	8.5	40.3	63	30		30	3.68	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	3	TEC-5V4A-D
ATE1-71-8AS	8	8.5	44.8	63	30		30	3.60	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	24	TEC-5V4A-D
ATE1-97-6AS	6	11.6	50.4	64	40		40	3.82	\$16.2	\$15.5	\$14.9	\$14.2	Sealed	12	TEC-A1-5V-5V-D
ATE1-127-2AS	2	15.4	16.8	65	30		30	3.95	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	7	TEC-A1-5V-5V-D



Part #	Imax (A)	Vmax (V)	Qmax (W)	DTmax (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					Lc	Lh	W	H							
ATE1-127-3A	3	15.4	20	66	30		30	3.55	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	9	TEC-A1-5V-5V-D
ATE1-127-3AS	3	15.4	20	65	30		30	3.55	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	10	TEC-A1-5V-5V-D
ATE1-127-3B	3	15.4	25	66	40		40	4.80	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	29	TEC-A1-5V-5V-D
ATE1-127-3BS	3	15.4	25	65	40		40	4.80	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	11	TEC-A1-5V-5V-D
ATE1-127-4A	4	15.4	33.4	66	30		30	3.53	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	8	TEC-A1-5V-5V-D
ATE1-127-4AS	4	15.4	33.4	65	30		30	3.53	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	8	TEC-A1-5V-5V-D
ATE1-127-4B	4	15.4	35	66	40		40	4.40	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	0	TEC-A1-5V-5V-D
ATE1-127-4BS	4	15.4	33.6	65	40		40	4.40	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	18	TEC-A1-5V-5V-D
ATE1-127-5A	5	15.4	44.5	66	30		30	3.46	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	7	TEC-A1-5V-5V-D
ATE1-127-5AS	5	15.4	42	65	30		30	3.46	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	26	TEC-A1-5V-5V-D
ATE1-127-5B	5	15.4	44.5	66	40		40	4.20	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	24	TEC-A1-5V-5V-D
ATE1-127-5BS	5	15.4	44.5	65	40		40	4.20	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	5	TEC-A1-5V-5V-D
ATE1-127-6A	6	15.4	53.3	67	40		40	4.09	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	15	TEC-A1-5V-5V-D
ATE1-127-6AS	6	15.4	53.3	66	40		40	4.09	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	24	TEC-A1-5V-5V-D
ATE1-127-7BS	7	15.4	58.8	66	50		50	5.50	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	23	TEC-A1-5V-5V-D
ATE1-127-8A	8	15.4	71	67	40		40	3.70	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	7	TEC-A1-5V-5V-D
ATE1-127-8AS	8	15.4	67.2		40		40	3.70	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	23	TEC-A1-5V-5V-D
ATE1-127-8BS	8	15.4	67.2	68	50		50	5.20	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	67	TEC-A1-5V-5V-D
ATE1-127-9AS	9	15.4	75.6		50		50	4.95	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	31	TEC-A1-5V-5V-D
ATE1-127-10AS	10	15.4	84	67	40		40	3.65	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	22	TEC-A1-5V-5V-D
ATE1-127-10BS	10	15.4	84	68	50		50	4.80	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	19	TEC-A1-5V-5V-D
ATE1-127-12AS	12	15.4	100.8	67	40		40	3.50	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	17	TEC-5V4A-D
ATE1-127-12BS	12	15.4	100.8	68	50		50	4.62	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	17	TEC-5V4A-D



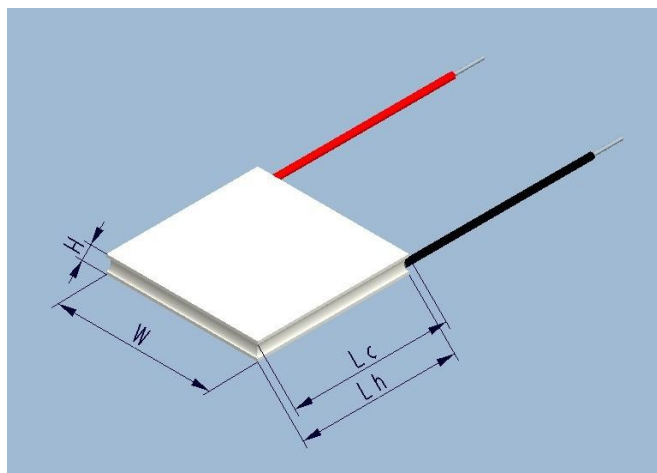
Part #	Imax (A)	Vmax (V)	Qmax (W)	DTmax (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					Lc	Lh	W	H							
ATE1-127-15AS	15	15.4	126	67	40		40	3.75	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	33	TEC-5V4A-D
ATE1-127-15BS	15	15.4	126	68	50		50	4.30	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	13	TEC-5V4A-D
ATE1-127-16AS	16	15.4	150	67	40		40	3.72	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	36	Note 1
ATE1-127-17AS	17	15.4	160	68	30		30	3.45	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	17	Note 1
ATE1-127-17B	17	15.4	160	68	50		50	4.40	\$23.1	\$22.0	\$20.9	\$19.8	Non-sealed	22	Note 1
ATE1-127-17BS	17	15.4	160		50		50	4.40	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	23	Note 1
ATE1-127-18AS	18	15.4	170		50		50	3.8	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	0	Note 1
ATE1-127-24A	24	15.4	201.6		50		50	3.7	\$23.1	\$22.0	\$20.9	\$19.8	Non-sealed	6	Note 1
ATE1-127-24AS	24	15.4	201.6		50		50	3.7	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	7	Note 1
ATE1-127-26AS	26	15.4	218.4		50		50	3.67	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	27	Note 1
ATE1-127-30AS	30	15.4	252		50		50	3.65	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	6	Note 1
ATE1-161-4AS	4	19.3	46.9	67	40		40	4.5	\$26.0	\$25.2	\$24.4	\$23.6	Sealed	15	TEC-A1-5V-5V-D
ATE1-161-5AS	5	19.3	58.3		40		40	4.1	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	5	TEC-A1-5V-5V-D
ATE1-161-6AS	6	19.3	67.2		40		40	3.7	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	5	TEC-A1-5V-5V-D
ATE1-199-1AS	1	24	16.8	67	40		40	5.2	\$25.5	\$24.8	\$24.1	\$23.4	Sealed	3	TEC-A1-5V-5V-D
ATE1-199-2AS	2	24	33.6		40		40	4.3	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	2	TEC-A1-5V-5V-D
ATE1-199-3AS	3	24	50.4		40		40	3.9	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	8	TEC-A1-5V-5V-D
ATE1-199-4AS	4	24	62.4		40		40	3.5	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	3	TEC-A1-5V-5V-D
ATE1-199-5AS	5	24	64.8		45		45	4.2	\$26.0	\$25.2	\$24.4	\$23.6	Sealed	5	TEC-A1-5V-5V-D
ATE1-199-6AS	6	24	77.8		45		45	3.9	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	5	TEC-A1-5V-5V-D
ATE1-241-1AS	1	28.9	18.8	68	40		40	5.2	\$27.5	\$26.6	\$25.8	\$24.9	Sealed	3	TEC-A1-5V-5V-D
ATE1-241-2AS	2	28.9	31.2		40		40	4.0	\$27.5	\$26.6	\$25.8	\$24.9	Sealed	3	TEC-A1-5V-5V-D
ATE1-241-3AS	3	28.9	56.4		40		40	3.55	\$27.5	\$26.6	\$25.8	\$24.9	Sealed	5	TEC-A1-5V-5V-D
ATE1-241-4AS	4	28.9	75.1		40		40	3.43	\$27.5	\$26.6	\$25.8	\$24.9	Sealed	13	TEC-A1-5V-5V-D
ATE1-241-6AS	6	28.9	93.6		55		55	4.6	\$29.6	\$28.8	\$28.0	\$27.2	Sealed	10	TEC-A1-5V-5V-D
ATE1-241-8AS	8	28.9	124.8	68	55		55	4.4	\$33.6	\$32.8	\$32.0	\$31.2	Sealed	10	TEC-A1-5V-5V-D



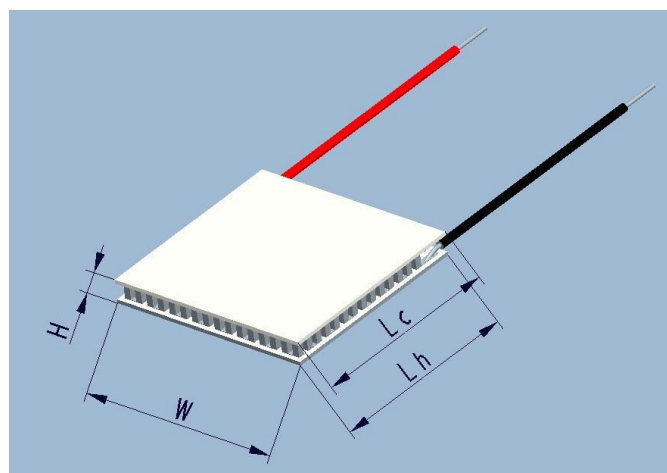
Part #	I _{max} (A)	V _{max} (V)	Q _{max} (W)	DT _{max} (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					L _c	L _h	W	H							
ATE1-241-10AS	10	28.9	156	68	55		55	4.2	\$35.6	\$34.8	\$34.0	\$33.2	Sealed	5	TEC-A1-5V-5V-D
ATE1-288-1AS	1	35	22.75		62		62	8.5	\$51.3	\$50.3	\$49.2	\$48.2	Sealed	1	TEC-A1-5V-5V-D
ATE1-288-2AS	2	35	45.5		62		62	7.0	\$51.0	\$50.0	\$49.0	\$48.0	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-3AS	3	35	68.25		62		62	5.5	\$50.7	\$49.7	\$48.7	\$47.7	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-4AS	4	35	91.0		62		62	4.7	\$50.4	\$49.4	\$48.4	\$47.4	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-5AS	5	35	113.75		62		62	4.3	\$50.0	\$49.0	\$48.0	\$47.0	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-6AS	6	35	113.4		50		50	3.9	\$46.0	\$45.0	\$44.0	\$43.0	Sealed	5	TEC-A1-5V-5V-D
ATE1-288-6BS	6	35	136.5		62		62	4.1	\$49.6	\$48.6	\$47.6	\$46.6	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-7AS	7	35	159.3		62		62	3.8	\$49.2	\$48.2	\$47.2	\$46.2	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-8AS	8	35	182		62		62	3.8	\$48.8	\$47.8	\$46.8	\$45.8	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-9AS	9	35	204.8		62		62	3.8	\$48.4	\$47.4	\$46.4	\$45.4	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-10AS	10	35	227.5		62		62	3.8	\$48.0	\$47.0	\$46.0	\$45.0	Sealed	2	TEC-A1-5V-5V-D
ATE1-288-20AS	20	35	378		50		50	4.12	\$45.0	\$44.0	\$43.0	\$42.0	Sealed	5	TEC-A1-5V-5V-D

*Note 1: No appropriate TEC controller to be recommended, because the impedance, V_{max}/I_{max}, is <1 Ohm.

*DT_{max}: DT stands for Differential Temperature between TEC's 2 plates



Single stage TEC Module (Sealed)



Single stage TEC Module (Non-sealed)

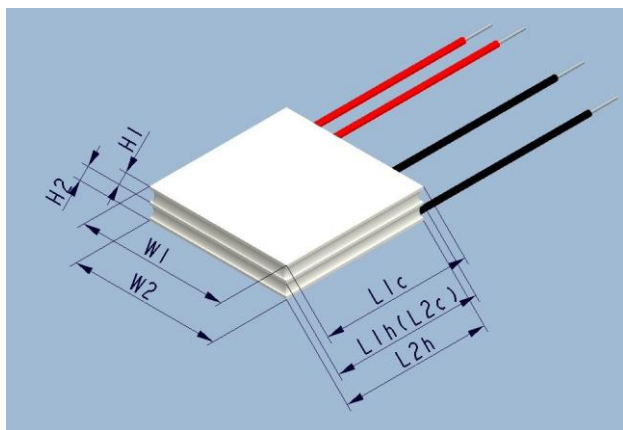


Circular Shape

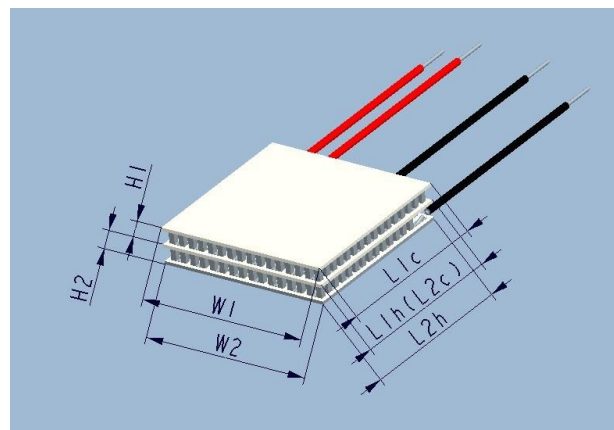
Part #	I _{max} (A)	V _{max} (V)	Q _{max} (W)	DT _{max} (°C)	φ _o Outer Diameter	φ _{in} Inner Diameter	Height	1-4 PCs	5-24 PCs	25-99 PCs	≥ 100 PCs	Note	Stock	TEC Controller Recommended
ATEC1-38-3.4A	3.4	4.8	11.3	74.5	24mm	10mm	3.6mm	\$52.3	\$51.4	\$50.5	\$49.6	Non-sealed	0	TEC-A1-5V-5V-D
ATEC1-49-3AS	3	5.5	12.6	63	26mm	10mm	3.3mm	\$12.0	\$11.4	\$10.8	\$10.2	Sealed	20	TEC-A1-5V-5V-D

Rectangular Shape– Two Stages

Part #	I _{max} (A)	V _{max} (V)	Q _{max} (W)	DT _{max} (°C)	Dimension (mm)					1-4 PCs	5-24 PCs	25-99 PCs	≥ 100 PCs	Note	Stock	TEC Controller Recommended
					L1c	L1h	L2h	W	H							
ATE2-127-127-06AS	8	15.4	50.4	85	40	40	40	40	9.02	\$37.0	\$35.2	\$33.4	\$31.7	Sealed	0	TEC-A1-5V-5V-D
ATE2-127-31-07AS	7	15.4	58.8		40	40	40	40	7.38	\$37.0	\$35.2	\$33.4	\$31.7	Sealed	7	TEC-A1-5V-5V-D



Two stages TEC Module (Sealed)



Two stages TEC Module (Non-sealed)

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