

## Regular Temperature TEC Modules Selection Guide and Price List

(May 18, 2012)

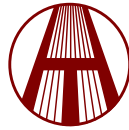
Internal Solder Melting Temperature: 135°C

Maximum TEC plate temperature allowed: 125 °C

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
					L1	L2	W	H							
<a href="#">ATE1-07-R8A</a>	0.8	0.9	0.4	74	4		4	3	\$15.4	\$15.1	\$14.8	\$14.4	Non- sealed	6	TEC-5V4A-D
<a href="#">ATE1-07-1AS</a>	1	0.8	0.6	61.5	8		8	5.18	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	40	Note1
<a href="#">ATE1-07-3AS</a>	3	0.8	1.7		8		8	3.93	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	13	Note1
<a href="#">ATE1-07-6AS</a>	6	0.8	3.4		8		8	3.55	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	0	Note1
<a href="#">ATE1-08-R4A</a>	0.44	1	0.3	71.5	2.5		2.5	2.05	\$16.5	\$16.2	\$15.9	\$15.6	Non- sealed	0	TEC-5V4A-D
<a href="#">ATE1-11-R8A</a>	0.8	1.4	0.7	74.5	4		6	3	\$18.2	\$17.9	\$17.5	\$17.1	Non- sealed	6	TEC-5V4A-D
<a href="#">ATE1-15-R6A</a>	0.6	1.8	0.62	70	4.8		4.8	2.6	\$20.5	\$20.1	\$19.7	\$19.3	Non-sealed	5	TEC-A1-5V-2.5 V-D
<a href="#">ATE1-17-R8A</a>	0.8	2.2	1	74.5	6		6	3	\$21.7	\$21.3	\$20.9	\$20.4	Non- sealed	8	TEC-A1-5V-5 V-D
<a href="#">ATE1-17-1.4A</a>	1.4	2.2	2	72.5	6		6	2.47	\$21.7	\$21.3	\$20.9	\$20.4	Non- sealed	8	TEC-5V4A-D
<a href="#">ATE1-17-1.9A</a>	1.9	2.2	2.8	74.5	9		9	3.8	\$18.0	\$17.7	\$17.4	\$17.1	Non- sealed	0	TEC-5V4A-D
<a href="#">ATE1-17-3AS</a>	3	2	4.2	61.5	12		12	3.70	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	3	Note1
<a href="#">ATE1-17-3BS</a>	3	2	4.2		15		15	4.80	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	15	Note1
<a href="#">ATE1-17-4AS</a>	4	2	5.6		12		12	3.46	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	82	Note1
<a href="#">ATE1-17-5AS</a>	5	2	7		15		15	4.10	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	15	Note1
<a href="#">ATE1-18-R4A</a>	0.44	2.3	0.6	71.5	3.5		3.5	2.05	\$22.5	\$22.0	\$21.5	\$21.0	Non- sealed	7	TEC-A1-5V-5V-D
<a href="#">ATE1-18-1R5A</a>	1.53	2.3	2.2	71	6	7.6	6	2	\$23.6	\$23.1	\$22.6	\$22.1	Non- sealed	6	TEC-5V4A-D
<a href="#">ATE1-19-4AS</a>	4	2.3	5.6	61.5	20		10	4.0	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	9	Note1
<a href="#">ATE1-31-R6A</a>	0.6	3.8	1.5	75.5	8		8	3.5	\$24.1	\$23.6	\$23.1	\$22.6	Non- sealed	10	TEC-A1-5V-5V-D
<a href="#">ATE1-31-1A</a>	1	3.8	2.2	75	10		10	3.9	\$24.2	\$23.7	\$23.2	\$22.7	Non- sealed	1	TEC-A1-5V-5V-D
<a href="#">ATE1-31-1BS</a>	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
<a href="#">ATE1-31-1.4A</a>	1.4	3.8	3.7	72.5	8		8	2.7	\$24.3	\$23.8	\$23.3	\$22.7	Non- sealed	7	TEC-A1-5V-5V-D
<a href="#">ATE1-31-1.6A</a>	1.6	3.8	3.6	74	10		10	3	\$24.5	\$24.0	\$23.5	\$23.0	Non- sealed	8	TEC-A1-5V-5V-D
<a href="#">ATE1-31-1.8A</a>	1.8	3.9	4.8	75.5	15		15	4.8	\$23.0	\$22.5	\$22.0	\$21.5	Non- sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-31-1.9A</a>	1.9	3.9	5.1	74.5	13		13	3.8	\$23.7	\$23.2	\$22.7	\$22.2	Non- sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-31-2AS</a>	2	3.7	5.2	62	15		15	4.04	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	39	TEC-A1-5V-5V-D



Part #	I <sub>max</sub> (A)	V <sub>max</sub> (V)	Q <sub>max</sub> (W)	DT <sub>max</sub> (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended	
					L1	L2	W	H								
<a href="#">ATE1-31-2BS</a>	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	
<a href="#">ATE1-31-2.2A</a>	2.2	3.9	5.5	72.5	10		10	2.5	\$24.8	\$24.3	\$23.8	\$23.3	Non-sealed	6	TEC-A1-5V-5V-D	
<a href="#">ATE1-31-3A</a>	3	3.9	8.1	74.5	15		15	3.8	\$23.8	\$23.3	\$22.8	\$22.3	Non-sealed	6	TEC-5V4A-D	
<a href="#">ATE1-31-3BS</a>	3	3.7	7.8	62	15		15	3.69	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	1	TEC-5V4A-D	
<a href="#">ATE1-31-3CS</a>	3	3.7	7.8		20		20	4.10	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	13	TEC-5V4A-D	
<a href="#">ATE1-31-4AS</a>	4	3.7	10.4		15		15	3.14	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	5	Note1	
<a href="#">ATE1-31-5AS</a>	5	3.7	12		20		20	3.88	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	8	Note1	
<a href="#">ATE1-31-6AS</a>	6	3.7	15.5		15		15	3.05	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	15	Note1	
<a href="#">ATE1-32-R4A</a>	0.44	4.1	1.1		71.5	5		5	2.05	\$26.7	\$26.2	\$25.7	\$25.2	Non-sealed	10	TEC-A1-5V-5V-D
<a href="#">ATE1-35-1AS</a>	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
<a href="#">ATE1-35-2AS</a>	2	4.2	5.6	30			15	4.24	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	3	TEC-A1-5V-5V-D	
<a href="#">ATE1-35-3AS</a>	3	4.2	8.4	30			15	4.98	\$11.0	\$10.5	\$9.9	\$9.4	Sealed	22	TEC-5V4A-D	
<a href="#">ATE1-49-1AS</a>	1	5.9	4.1	20			20	5.07	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	25	TEC-A1-5V-5V-D	
<a href="#">ATE1-49-2AS</a>	2	5.9	8.4	20			20	3.87	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	23	TEC-A1-5V-5V-D	
<a href="#">ATE1-49-2BS</a>	2	5.9	8.4	25			25	4.81	\$12.5	\$12.0	\$11.5	\$11.0	Sealed	1	TEC-A1-5V-5V-D	
<a href="#">ATE1-49-3AS</a>	3	5.9	12.6	20			20	3.43	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	24	TEC-A1-5V-5V-D	
<a href="#">ATE1-49-3BS</a>	3	5.9	12.6	25			25	4.42	\$12.5	\$12.0	\$11.5	\$11.0	Sealed	28	TEC-A1-5V-5V-D	
<a href="#">ATE1-49-4AS</a>	4	5.9	16.8	20			20	3.30	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	3	TEC-5V4A-D	
<a href="#">ATE1-49-4B</a>	4	5.9	13.9	63		25		25	4.19	\$12.5	\$12.0	\$11.5	\$11.0	Non-sealed	46	TEC-5V4A-D
<a href="#">ATE1-49-5AS</a>	5	5.9	17.7	62	20		20	3.22	\$12.0	\$11.5	\$11.0	\$10.5	Sealed	27	TEC-5V4A-D	
<a href="#">ATE1-49-5B</a>	5	5.9	17.7	63	25		25	3.77	\$12.5	\$12.0	\$11.5	\$11.0	Non-sealed	9	TEC-5V4A-D	
<a href="#">ATE1-49-6A</a>	6	5.9	21.5		25		25	3.70	\$12.5	\$12.0	\$11.5	\$11.0	Non-sealed	19	Note1	
<a href="#">ATE1-49-6AS</a>	6	5.9	21.5	62	25		25	3.70	\$12.5	\$12.0	\$11.5	\$11.0	Sealed	35	Note1	
<a href="#">ATE1-63-1.9A</a>	1.9	8	10.4	74.5	25		12	3.8	\$26.5	\$26.0	\$25.5	\$25.0	Non-sealed	7	TEC-A1-5V-5V-D	
<a href="#">ATE1-63-3A</a>	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	
<a href="#">ATE1-63-3.4A</a>	3.4	8	18.8	74.5	15		20	3.6	\$28.8	\$28.3	\$27.8	\$27.3	Non-sealed	6	TEC-A1-5V-5V-D	



Part #	I <sub>max</sub> (A)	V <sub>max</sub> (V)	Q <sub>max</sub> (W)	DT <sub>max</sub> (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					L1	L2	W	H							
<a href="#">ATE1-63-6AS</a>	6	7.6	25.2	63	40		20	3.73	\$13.2	\$12.5	\$11.9	\$11.2	Sealed	4	TEC-5V4A-D
<a href="#">ATE1-65-R8A</a>	0.8	8.3	4.2	74.5	11		12	3	\$36.6	\$36.1	\$35.6	\$35.1	Non-sealed	6	TEC-A1-5V-5V-D
<a href="#">ATE1-71-1AS</a>	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
<a href="#">ATE1-71-1.9A</a>	1.9	9	11.7	74.5	18		18	3.8	\$26.8	\$26.3	\$25.8	\$25.3	Non-sealed	6	TEC-A1-5V-5V-D
<a href="#">ATE1-71-2AS</a>	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
<a href="#">ATE1-71-2BS</a>	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
<a href="#">ATE1-71-3A</a>	3	8.5	15.8	64	23		23	3.34	\$14.0	\$13.5	\$12.9	\$12.4	Non-sealed	22	TEC-A1-5V-5V-D
<a href="#">ATE1-71-3AS</a>	3	8.5	15.8	63	23		23	3.34	\$14.0	\$13.5	\$12.9	\$12.4	Sealed	3	TEC-A1-5V-5V-D
<a href="#">ATE1-71-3B</a>	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
<a href="#">ATE1-71-3BS</a>	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
<a href="#">ATE1-71-4A</a>	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
<a href="#">ATE1-71-4AS</a>	4	8.5	21.1	63	23		23	3.20	\$14.0	\$13.5	\$12.9	\$12.4	Sealed	32	TEC-A1-5V-5V-D
<a href="#">ATE1-71-4B</a>	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
<a href="#">ATE1-71-4BS</a>	4	8.5	22.4	63	30		30	4.40	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	28	TEC-A1-5V-5V-D
<a href="#">ATE1-71-5A</a>	5	8.5	26.3	64	23		23	3.18	\$14.0	\$13.5	\$12.9	\$12.4	Non-sealed	24	TEC-A1-5V-5V-D
<a href="#">ATE1-71-5AS</a>	5	8.5	26.3	63	23		23	3.18	\$14.0	\$13.5	\$12.9	\$12.4	Sealed	26	TEC-A1-5V-5V-D
<a href="#">ATE1-71-5B</a>	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
<a href="#">ATE1-71-5BS</a>	5	8.5	28	63	30		30	4.11	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	7	TEC-A1-5V-5V-D
<a href="#">ATE1-71-6AS</a>	6	8.5	34.1	63	30		30	4.08	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	16	TEC-5V4A-D
<a href="#">ATE1-71-7AS</a>	7	8.5	40.3	63	30		30	3.68	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	3	TEC-5V4A-D
<a href="#">ATE1-71-8AS</a>	8	8.5	44.8	63	30		30	3.60	\$15.0	\$14.5	\$13.9	\$13.4	Sealed	24	TEC-5V4A-D
<a href="#">ATE1-97-6AS</a>	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
<a href="#">ATE1-127-2AS</a>	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 #	I <sub>max</sub> (A)	V <sub>max</sub> (V)	Q <sub>max</sub> (W)	DT <sub>max</sub> (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					L1	L2	W	H							
<a href="#">ATE1-127-3A</a>	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
<a href="#">ATE1-127-3AS</a>	3	15.4	20	65	30		30	3.55	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	10	TEC-A1-5V-5V-D
<a href="#">ATE1-127-3B</a>	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
<a href="#">ATE1-127-3BS</a>	3	15.4	25	65	40		40	4.80	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	30	TEC-A1-5V-5V-D
<a href="#">ATE1-127-4A</a>	4	15.4	33.4	66	30		30	3.53	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	22	TEC-A1-5V-5V-D
<a href="#">ATE1-127-4AS</a>	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
<a href="#">ATE1-127-4B</a>	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
<a href="#">ATE1-127-4BS</a>	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
<a href="#">ATE1-127-5A</a>	5	15.4	44.5	66	30		30	3.46	\$17.2	\$16.5	\$15.9	\$15.2	Non-sealed	12	TEC-A1-5V-5V-D
<a href="#">ATE1-127-5AS</a>	5	15.4	42	65	30		30	3.46	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	26	TEC-A1-5V-5V-D
<a href="#">ATE1-127-5B</a>	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
<a href="#">ATE1-127-5BS</a>	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
<a href="#">ATE1-127-6A</a>	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
<a href="#">ATE1-127-6AS</a>	6	15.4	53.3	66	40		40	4.09	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	27	TEC-A1-5V-5V-D
<a href="#">ATE1-127-7BS</a>	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
<a href="#">ATE1-127-8A</a>	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
<a href="#">ATE1-127-8AS</a>	8	15.4	67.2		40		40	3.70	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	29	TEC-A1-5V-5V-D
<a href="#">ATE1-127-8BS</a>	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
<a href="#">ATE1-127-9AS</a>	9	15.4	75.6		50		50	4.95	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	31	TEC-A1-5V-5V-D
<a href="#">ATE1-127-10AS</a>	10	15.4	84	67	40		40	3.65	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	22	TEC-A1-5V-5V-D
<a href="#">ATE1-127-10BS</a>	10	15.4	84	68	50		50	4.80	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	19	TEC-A1-5V-5V-D
<a href="#">ATE1-127-12AS</a>	12	15.4	100.8	67	40		40	3.50	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	17	TEC-5V4A-D
<a href="#">ATE1-127-12BS</a>	12	15.4	100.8	68	50		50	4.62	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	7	TEC-5V4A-D



Part #	I <sub>max</sub> (A)	V <sub>max</sub> (V)	Q <sub>max</sub> (W)	DT <sub>max</sub> (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended	
					L1	L2	W	H								
<a href="#">ATE1-127-15AS</a>	15	15.4	126	67	40		40	3.75	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	33	TEC-5V4A-D	
<a href="#">ATE1-127-15BS</a>	15	15.4	126	68	50		50	4.30	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	13	TEC-5V4A-D	
<a href="#">ATE1-127-16AS</a>	16	15.4	150	67	40		40	3.72	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	36	Note1	
<a href="#">ATE1-127-17AS</a>	17	15.4	160	68	30		30	3.45	\$17.2	\$16.5	\$15.9	\$15.2	Sealed	18	Note1	
<a href="#">ATE1-127-17B</a>	17	15.4	160	68	50		50	4.40	\$23.1	\$22.0	\$20.9	\$19.8	Non-sealed	22	Note1	
<a href="#">ATE1-127-17BS</a>	17	15.4	160		50		50	4.40	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	23	Note1	
<a href="#">ATE1-127-18AS</a>	18	15.4	170		50		50	3.8	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	0	Note1	
<a href="#">ATE1-127-24A</a>	24	15.4	201.6		50		50	3.7	\$23.1	\$22.0	\$20.9	\$19.8	Non-sealed	6	Note1	
<a href="#">ATE1-127-24AS</a>	24	15.4	201.6		50		50	3.7	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	7	Note1	
<a href="#">ATE1-127-26AS</a>	26	15.4	218.4		50		50	3.67	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	27	Note1	
<a href="#">ATE1-127-30AS</a>	30	15.4	252		50		50	3.65	\$23.1	\$22.0	\$20.9	\$19.8	Sealed	6	Note1	
<a href="#">ATE1-161-4AS</a>	4	19.3	46.9		67	40		40	4.5	\$26.0	\$25.2	\$24.4	\$23.6	Sealed	10	TEC-A1-5V-5V-D
<a href="#">ATE1-161-5AS</a>	5	19.3	58.3			40		40	4.1	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-161-6AS</a>	6	19.3	67.2	40			40	3.7	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	0	TEC-A1-5V-5V-D	
<a href="#">ATE1-199-1AS</a>	1	24	16.8	67	40		40	5.2	\$25.5	\$24.8	\$24.1	\$23.4	Sealed	0	TEC-A1-5V-5V-D	
<a href="#">ATE1-199-2AS</a>	2	24	33.6		40		40	4.3	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	2	TEC-A1-5V-5V-D	
<a href="#">ATE1-199-3AS</a>	3	24	50.4		40		40	3.9	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	8	TEC-A1-5V-5V-D	
<a href="#">ATE1-199-4AS</a>	4	24	62.4		40		40	3.5	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	0	TEC-A1-5V-5V-D	
<a href="#">ATE1-199-5AS</a>	5	24	64.8		45		45	4.2	\$26.0	\$25.2	\$24.4	\$23.6	Sealed	0	TEC-A1-5V-5V-D	
<a href="#">ATE1-199-6AS</a>	6	24	77.8		45		45	3.9	\$25.0	\$24.3	\$23.5	\$22.8	Sealed	0	TEC-A1-5V-5V-D	
<a href="#">ATE1-241-1AS</a>	1	28.9	18.8	68	40		40	5.2	\$27.5	\$26.6	\$25.8	\$24.9	Sealed	0	TEC-A1-5V-5V-D	
<a href="#">ATE1-241-2AS</a>	2	28.9	31.2		40		40	4.0	\$27.5	\$26.6	\$25.8	\$24.9	Sealed	0	TEC-A1-5V-5V-D	
<a href="#">ATE1-241-3AS</a>	3	28.9	56.4		40		40	3.55	\$27.5	\$26.6	\$25.8	\$24.9	Sealed	5	TEC-A1-5V-5V-D	
<a href="#">ATE1-241-4AS</a>	4	28.9	75.1		40		40	3.43	\$27.5	\$26.6	\$25.8	\$24.9	Sealed	13	TEC-A1-5V-5V-D	
<a href="#">ATE1-241-6AS</a>	6	28.9	93.6		55		55	4.6	\$29.6	\$28.8	\$28.0	\$27.2	Sealed	10	TEC-A1-5V-5V-D	
<a href="#">ATE1-241-8AS</a>	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	

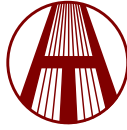


Part #	I <sub>max</sub> (A)	V <sub>max</sub> (V)	Q <sub>max</sub> (W)	DT <sub>max</sub> (°C)	Dimension (mm)				1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					L1	L2	W	H							
<a href="#">ATE1-241-10AS</a>	10	28.9	156	68	55		55	4.2	\$35.6	\$34.8	\$34.0	\$33.2	Sealed	5	TEC-A1-5V-5V-D
<a href="#">ATE1-288-1AS</a>	1	35	22.75		62		62	8.5	\$51.3	\$50.3	\$49.2	\$48.2	Sealed	1	TEC-A1-5V-5V-D
<a href="#">ATE1-288-2AS</a>	2	35	45.5		62		62	7.0	\$51.0	\$50.0	\$49.0	\$48.0	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-3AS</a>	3	35	68.25		62		62	5.5	\$50.7	\$49.7	\$48.7	\$47.7	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-4AS</a>	4	35	91.0		62		62	4.7	\$50.4	\$49.4	\$48.4	\$47.4	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-5AS</a>	5	35	113.75		62		62	4.3	\$50.0	\$49.0	\$48.0	\$47.0	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-6AS</a>	6	35	113.4		50		50	3.9	\$46.0	\$45.0	\$44.0	\$43.0	Sealed	5	TEC-A1-5V-5V-D
<a href="#">ATE1-288-6BS</a>	6	35	136.5		62		62	4.1	\$49.6	\$48.6	\$47.6	\$46.6	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-7AS</a>	7	35	159.3		62		62	3.8	\$49.2	\$48.2	\$47.2	\$46.2	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-8AS</a>	8	35	182		62		62	3.8	\$48.8	\$47.8	\$46.8	\$45.8	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-9AS</a>	9	35	204.8		62		62	3.8	\$48.4	\$47.4	\$46.4	\$45.4	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-10AS</a>	10	35	227.5		62		62	3.8	\$48.0	\$47.0	\$46.0	\$45.0	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE1-288-20AS</a>	20	35	378		50		50	4.12	\$45.0	\$44.0	\$43.0	\$42.0	Sealed	5	TEC-A1-5V-5V-D

\*Note1: No appropriate TEC controller to be recommended, because the impedance, V<sub>max</sub>/I<sub>max</sub>, is <1 Ohm.

\*DT<sub>max</sub>: DT stands for Differential Temperature between TEC's 2 plates

Circular Shape														
Part #	I <sub>max</sub> (A)	V <sub>max</sub> (V)	Q <sub>max</sub> (W)	DT <sub>max</sub> (°C)	φ <sub>o</sub>	φ <sub>in</sub>	Height	1-4 PCs	5-24 PCs	25-99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					Outer Diameter	Inner Diameter								
<a href="#">ATEC1-38-3.4A</a>	3.4	4.8	11.3	74.5	24mm	10mm	3.6mm	\$30.6	\$30.1	\$29.6	\$29.1	Non-sealed	2	TEC-A1-5V-5V-D
<a href="#">ATEC1-49-3AS</a>	3	5.5	12.6	67	26mm	11mm	3.3mm	\$12.0	\$11.4	\$10.8	\$10.2	Sealed	20	TEC-A1-5V-5V-D



**Rectangular Shape– Two Stages**

Part #	I <sub>max</sub> (A)	V <sub>max</sub> (V)	Q <sub>max</sub> (W)	DT <sub>max</sub> (°C)	Dimension (mm)				1–4 PCs	5–24 PCs	25–99 PCs	≥100 PCs	Note	Stock	TEC Controller Recommended
					L1	L2	W	H							
<a href="#">ATE2-127-127-06A</a> S	8	15.4	50.4	85	40		40	9.02	\$37.0	\$35.2	\$33.4	\$31.7	Sealed	0	TEC-A1-5V-5V-D
<a href="#">ATE2-127-31-07A</a> S	7	15.4	58.8		40		40	7.38	\$37.0	\$35.2	\$33.4	\$31.7	Sealed	7	TEC-A1-5V-5V-D

