



Transient Voltage Suppressors (Cont.)



Transil™ Series (Cont.)

Fig.	P _W (W)	Breakdown Voltage			V _{RM} (V)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		STMicroelectronics Part No.
		Minimum	Nominal	Maximum			1	10	100		Qty.	Pricing	
Uni-Directional													
1	1500	6.45 209	6.8 220	7.14 231	5.8 188	497-3751-1-ND◆ 497-4611-1-ND◆	.79 .73	6.13 5.46	52.50 42.90	497-3751-3-ND◆† 497-4611-2-ND◆	600 1,900	210.00 208.00/M	1.5KE6V8A 1.5KE220ARL
1	5000	16.6 200	— —	— —	15 180	497-4189-1-ND◆ 497-4612-1-ND◆	2.63 3.00	23.10 26.40	196.00 224.00	497-4189-2-ND◆ 497-4612-2-ND◆	1,000 1,000	962.50 1100.00	BZW50-15RL BZW50-180RL
2	600	31.4 237	33 350	24.7 263	28.2 213	497-4287-1-ND◆ 497-4286-1-ND◆	.56 .56	4.20 4.20	33.00 33.00	497-4287-2-ND◆ 497-4286-2-ND◆	6,000 6,000	142.50/M 142.50/M	P6KE33ARL P6KE250ARL
3	400	6.4	—	—	5.0	497-2999-1-ND◆	.60	4.51	32.30	497-2999-2-ND◆	5,000	136.00/M	SMAJ5.0A-TR
		47.8	—	—	43	497-4290-1-ND◆	.56	4.24	30.40	497-4290-2-ND◆	5,000	128.00/M	SMAJ43A-TR
		64.4	—	—	58	497-3508-1-ND◆	.56	4.24	30.40	497-3508-2-ND◆	5,000	128.00/M	SMAJ58A-TR
		111	—	—	100	497-4289-1-ND◆	.56	4.20	33.00	497-4289-2-ND◆	5,000	142.50/M	SMAJ100A-TR
		6.4	6.74	7.07	5	497-5938-1-ND◆	.53	3.99	31.35	—	—	—	—
	600	6.7	7.05	7.41	6	497-5942-1-ND◆	.53	3.99	31.35	497-5942-2-ND◆	5,000	135.38/M	SMA6J6.0A-TR
		7.2	7.58	7.96	6.5	497-5944-1-ND◆	.53	3.99	31.35	497-5944-2-ND◆	5,000	135.38/M	SMA6J6.5A-TR
		9.4	9.9	10.4	8.5	497-5948-1-ND◆	.53	3.99	31.35	497-5948-2-ND◆	5,000	135.38/M	SMA6J8.5A-TR
		11.1	11.7	12.3	10	497-5915-1-ND◆	.53	3.99	31.35	497-5915-2-ND◆	5,000	135.38/M	SMA6J10A-TR
		13.3	14.0	14.7	12	497-5917-1-ND◆	.53	3.99	31.35	497-5917-2-ND◆	5,000	135.38/M	SMA6J12A-TR
14.4		15.2	15.9	13	497-5919-1-ND◆	.53	3.99	31.35	497-5919-2-ND◆	5,000	135.38/M	SMA6J13A-TR	
16.7		17.6	18.5	15	497-5921-1-ND◆	.53	3.99	31.35	497-5921-2-ND◆	5,000	135.38/M	SMA6J15A-TR	
20.0		21.1	22.1	18	497-5923-1-ND◆	.53	3.99	31.35	497-5923-2-ND◆	5,000	135.38/M	SMA6J18A-TR	
26.7		28.1	29.5	24	497-5927-1-ND◆	.53	3.99	31.35	497-5927-2-ND◆	5,000	135.38/M	SMA6J24A-TR	
28.9		30.4	31.9	26	497-5929-1-ND◆	.53	3.99	31.35	497-5929-2-ND◆	5,000	135.38/M	SMA6J26A-TR	
31.1		32.7	34.4	28	497-5931-1-ND◆	.53	3.99	31.35	—	—	—	—	SMA6J28A-TR
36.7		38.6	40.6	33	497-5932-1-ND◆	.53	3.99	31.35	497-5932-2-ND◆	5,000	135.38/M	SMA6J33A-TR	
44.4		46.7	49.1	40	497-5934-1-ND◆	.53	3.99	31.35	497-5934-2-ND◆	5,000	135.38/M	SMA6J40A-TR	
53.3		56.1	58.9	48	497-5936-1-ND◆	.53	3.99	31.35	497-5936-2-ND◆	5,000	135.38/M	SMA6J48A-TR	
64.4		67.8	71.2	58	497-5940-1-ND◆	.53	3.99	31.35	497-5940-2-ND◆	5,000	135.38/M	SMA6J58A-TR	
77.8	81.9	86.0	70	497-5946-1-ND◆	.53	3.99	31.35	497-5946-2-ND◆	5,000	135.38/M	SMA6J70A-TR		
4	600	28.5	30	31.5	25.6	497-3506-1-ND	.86	6.65	57.00	497-3506-2-ND	2,500	266.00/M	SMBHT30A
5	1500	6.7	—	—	6.0	497-4296-1-ND◆	.90	7.00	60.00	497-4296-2-ND◆	2,500	280.00/M	SMBJ6.0A-TR
		11.4	12	12.6	10.2	497-3715-1-ND	.86	6.65	57.00	497-3715-2-ND	2,500	266.00/M	SM15T12A
		37.1	39	41.0	33.3	497-3716-1-ND◆	.95	7.35	63.00	497-3716-2-ND◆	2,500	294.00/M	SM15T39A
6	300	6.1	—	7.2	5.25	497-2930-1-ND◆	.56	4.24	30.40	497-2930-2-ND◆	3,000	136.00/M	ESDA6V1L
		25	—	30	24	497-4642-1-ND◆	.56	4.20	33.00	497-4642-2-ND◆	3,000	150.00/M	ESDA25L
7A	200	6.1	—	7.2	5.0	497-3403-5-ND◆‡	.98	8.45	65.00	—	—	—	ESDA6V1U1
		6.1	—	7.2	5.0	497-3711-1-ND◆	1.12	9.52	81.20	497-3711-2-ND◆	2,500	378.00/M	ESDA6V1U1RL
8B	25	6.1	—	7.2	3.0	497-6008-1-ND◆	.50	3.78	29.70	497-6008-2-ND◆	5,000	128.25/M	ESDALC6V1C2
10A	30	6.1	—	7.2	3.0	497-3785-1-ND◆	.67	5.04	39.60	497-3785-2-ND◆	3,000	180.00/M	ESDALC6V1P5
11	30	6.1	—	7.2	3.0	497-3404-1-ND◆	.55	4.12	32.34	497-3404-2-ND◆	3,000	147.00/M	ESDALC6V1P6
12A	50	6.1	—	7.2	3.0	497-5238-1-ND◆	.48	3.66	26.22	497-5238-2-ND◆	3,000	117.30/M	ESDALC6V1-1M2
13	30	6.1	—	7.2	5.0	497-5563-1-ND◆	.56	4.24	30.40	497-5563-2-ND◆	3,000	136.00/M	ESDALC6V1M3
14A	30	6.1	—	7.2	3.0	497-5564-1-ND◆	.62	4.62	36.30	—	—	—	ESDALC6V1M6
14B	30	6.1	—	7.2	3.0	497-5779-1-ND◆	.67	5.04	39.60	497-5779-2-ND◆	3,000	180.00/M	ESDA6V1-5M6
		6.1	—	7.2	3.0	497-5780-1-ND◆	.67	5.04	39.60	497-5780-2-ND◆	3,000	180.00/M	ESDALC6V1-5M6

◆ RoHS Compliant † Tape and Box ‡ Tube

Transient Surge Arrestors - Trisil™ Series - SMB Package

V _{BR} @ I _R Maximum (V)	I _{RM} @ V _{RM} Maximum (μA)	Dynamic V _{BO} Maximum (V)	I _{pp} @ 10/1000μs	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel Pricing		STMicroelectronics Part No.		
					1	10	100		2,500				
35	5	2	32	55	100	497-4093-1-ND◆	.99	7.70	66.00	497-4093-2-ND◆	308.00/M	SMP100LC-35	
65	5	2	55	85	100	497-4096-1-ND◆	1.04	8.84	75.40	497-4096-2-ND◆	351.00/M	SMP100LC-65	
90	5	2	81	120	100	497-4097-1-ND◆	1.04	8.84	75.40	497-4097-2-ND◆	351.00/M	SMP100LC-90	
120	5	2	108	155	100	497-4087-1-ND◆	1.08	8.40	72.00	497-4087-2-ND◆	336.00/M	SMP100LC-120	
140	5	2	120	185	100	497-4088-1-ND	1.08	8.40	72.00	497-4088-2-ND	336.00/M	SMP100LC-140	
160	5	2	144	205	100	497-4089-1-ND	1.08	8.40	72.00	497-4089-2-ND	336.00/M	SMP100LC-160	
200	5	2	180	255	100	497-4090-1-ND◆	1.08	8.40	72.00	497-4090-2-ND◆	336.00/M	SMP100LC-200	
230	5	2	207	295	100	497-4091-1-ND◆	1.08	8.40	72.00	497-4091-2-ND◆	336.00/M	SMP100LC-230	
270	5	2	243	345	100	497-4092-1-ND◆	1.08	8.40	72.00	497-4092-2-ND◆	336.00/M	SMP100LC-270	
320	5	2	290	400	100	497-4297-1-ND◆	1.08	8.40	72.00	497-4297-2-ND◆	336.00/M	SMP100LC-320	
360	5	2	325	460	100	497-4094-1-ND	1.08	8.40	72.00	497-4094-2-ND	336.00/M	SMP100LC-360	
400	5	2	360	540	100	497-4095-1-ND◆	1.08	8.40	72.00	497-4095-2-ND◆	336.00/M	SMP100LC-400	
160	5	2	144	205	100	497-4298-1-ND◆	1.08	8.40	72.00	497-4298-2-ND◆	336.00/M	SMP100MC-160	
200	5	2	180	255	100	497-4299-1-ND◆	1.08	8.40	72.00	497-4299-2-ND◆	336.00/M	SMP100MC-200	
230	5	2	207	295	100	497-4300-1-ND◆	1.08	8.40	72.00	497-4300-2-ND◆	336.00/M	SMP100MC-230	
270	5	2	243	345	100	497-4301-1-ND◆	1.08	8.40	72.00	497-4301-2-ND◆	336.00/M	SMP100MC-270	
320	5	2	290	400	100	497-4999-1-ND◆	1.00	8.50	72.50	497-4999-2-ND◆	337.50/M	SMP100MC-320	
360	5	2	325	460	100	497-5000-1-ND◆	1.00	8.50	72.50	497-5000-2-ND◆	337.50/M	SMP100MC-360	
400	5	2	360	540	100	497-5001-1-ND◆	.90	7.00	60.00	497-5001-2-ND◆	280.00/M	SMP100MC-400	
120	5	2	108	155	80	497-4783-1-ND◆	.79	6.34	47.52	—	—	—	SMP80MC-120
140	5	2	126	180	80	497-4782-1-ND◆	.79	6.16	52.80	497-4782-2-ND◆	246.40/M	—	SMP80MC-140
160	5	2	144	205	80	497-4766-1-ND◆	.79	6.34	47.52	—	—	—	SMP80MC-160
200	5	2	180	255	80	497-4781-1-ND◆	.79	6.16	52.80	497-4781-2-ND◆	246.40/M	—	SMP80MC-200
230	5	2	207	295	80	497-4780-1-ND◆	.79	6.34	47.52	—	—	—	SMP80MC-230
270	5	2	243	345	80	497-4302-1-ND◆	.86	6.65	57.00	497-4302-2-ND◆	266.00/M	—	SMP80MC-270

◆ RoHS Compliant

(Continued)

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