

Transient Voltage Suppressors



Transil™ Series

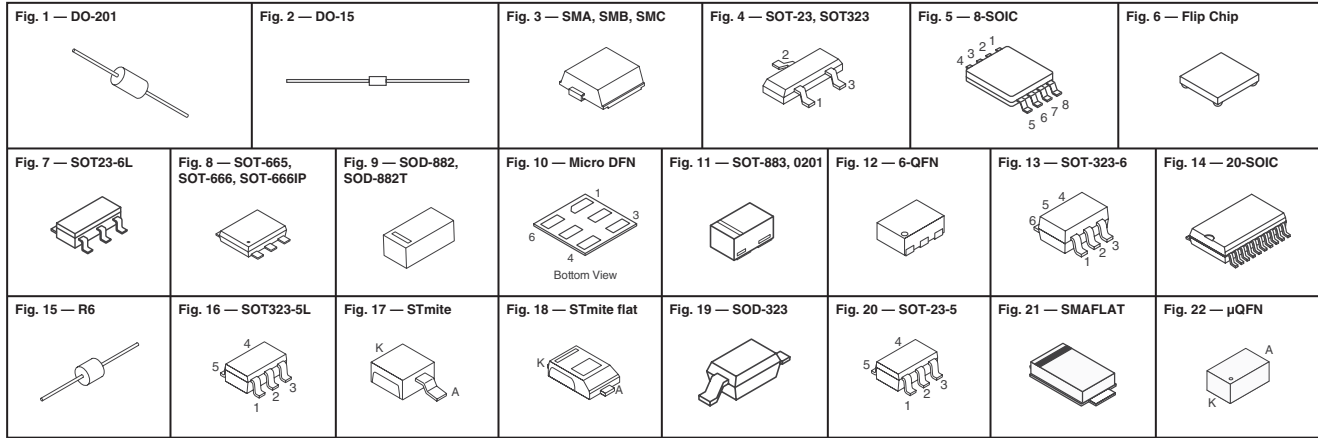


Fig.	Pw (W)	Breakdown Voltage			VRM (V)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		STMicroelectronics Part No.
		Minimum	Nominal	Maximum			1	10	100		Qty.	Pricing	
Bi-Directional – RoHS Compliant													
1	1500	6.45	6.8	7.14	5.8	497-6609-1-ND	.76	6.59	52.04	—	—	—	1.5KE6V8CARL
	1500	14.3	15	15.8	12.8	497-7049-1-ND	.59	5.10	40.25	497-7049-2-ND	1,900	214.79/M	1.5KE15CARL
	1500	22.8	24	25.2	20.5	497-6645-1-ND	.75	6.66	52.62	497-6645-3-ND†	600	244.86	1.5KE24CA
	1500	31.4	33	34.7	28.2	497-6646-1-ND	.61	5.35	41.26	497-6646-2-ND	600	183.39	1.5KE33CA
	1500	44.7	47	49.4	40.2	497-7051-1-ND	.56	4.82	38.03	497-7051-2-ND	1,900	203.23/M	1.5KE47CARL
	1500	209	220	231	188	497-6599-1-ND	.75	6.66	52.62	497-6599-3-ND†	600	244.86	1.5KE220CA
	1500	209	220	231	188	497-6600-1-ND	.61	5.42	42.83	—	—	—	1.5KE220CARL
	1500	237	250	263	213	497-6602-1-ND	.75	6.66	52.62	497-6602-2-ND	1,900	322.18/M	1.5KE250CARL
	1500	285	300	315	256	497-6603-1-ND	.75	6.66	52.62	497-6603-3-ND†	600	244.86	1.5KE300CA
	1500	380	400	420	342	497-6608-1-ND	.73	6.28	49.57	497-6608-2-ND	1,900	264.36/M	1.5KE400CARL
1500	380	400	420	342	497-2909-1-ND	.82	7.30	57.99	497-2909-3-ND†	600	244.86	1.5KE400CA	
2	400	17.1	—	—	15.3	497-6625-1-ND	.53	4.21	31.62	—	—	—	BZW04-15B
	400	418	—	—	376	497-7737-1-ND	.53	4.21	31.62	497-7737-2-ND	6,000	138.79/M	BZW04-376BRL
	600	6.45	6.8	7.14	5.8	497-6469-1-ND	.47	3.78	28.35	497-6469-3-ND†	1,000	146.05	PGKE6V8CA
	600	34.2	36	37.8	30.8	497-6468-1-ND	.50	4.16	31.23	497-6468-3-ND†	1,000	176.95	PGKE36CA
	600	53.2	—	—	47.8	497-4188-1-ND	.29	2.28	15.62	497-4188-2-ND	6,000	61.96/M	BZW04-48RL
	600	44.7	47	49.4	40.2	497-4288-1-ND	.41	3.30	24.81	497-4288-2-ND	6,000	109.05/M	PGKE47CARL
	600	143	150	158	128	497-4285-1-ND	.39	3.09	23.19	497-4285-2-ND	6,000	125.57/M	PGKE150CARL
	600	237	250	263	213	497-4619-1-ND	.42	3.35	25.17	497-4619-2-ND	6,000	111.53/M	PGKE250CARL
	600	—	—	—	37	497-6626-1-ND	.57	4.58	34.35	497-6626-3-ND†	1,000	176.95	BZW06-37B
	600	—	—	—	5.0	497-6508-1-ND	.48	3.82	28.62	497-6508-2-ND	5,000	125.57/M	SMAJ5.0CA-TR
3 (SMA)	400	6.4	—	—	6.0	497-6510-1-ND	.41	3.27	24.54	497-6510-2-ND	5,000	108.22/M	SMAJ6.0CA-TR
	400	7.2	—	—	6.5	497-7896-1-ND	.41	3.27	24.54	497-7896-2-ND	5,000	108.22/M	SMAJ6.5CA-TR
	400	13.3	—	—	12	497-2996-1-ND	.41	3.27	24.54	497-2996-2-ND	5,000	108.22/M	SMAJ12CA-TR
	400	14.4	—	—	13	497-7890-1-ND	.29	2.41	18.07	—	—	—	SMAJ13CA-TR
	400	16.7	—	—	15	497-2997-1-ND	.48	3.82	28.62	497-2997-2-ND	5,000	125.57/M	SMAJ15CA-TR
	400	20.0	—	—	18	497-7446-1-ND	.41	3.27	24.54	497-7446-2-ND	5,000	108.22/M	SMAJ18CA-TR
	400	31.1	—	—	28	497-4620-1-ND	.41	3.27	24.54	497-4620-2-ND	5,000	108.22/M	SMAJ28CA-TR
	400	33.3	—	—	30	497-7447-1-ND	.41	3.27	24.54	497-7447-2-ND	5,000	108.22/M	SMAJ30CA-TR
	400	36.7	—	—	33	497-2998-1-ND	.48	3.82	28.62	497-2998-2-ND	5,000	125.57/M	SMAJ33CA-TR
	400	44.4	—	—	40	497-3718-1-ND	.41	3.27	24.54	497-3718-2-ND	5,000	108.22/M	SMAJ40CA-TR
3 (SMB)	600	47.8	—	—	43	497-7893-1-ND	.36	2.97	22.30	497-7893-2-ND	5,000	108.22/M	SMAJ43CA-TR
	600	64.4	—	—	58	497-6509-1-ND	.41	3.27	24.54	497-6509-2-ND	5,000	108.22/M	SMAJ58CA-TR
	600	94.4	—	—	85	497-7897-1-ND	.41	3.27	24.54	497-7897-2-ND	5,000	108.22/M	SMAJ85CA-TR
	600	189	—	—	170	497-6506-1-ND	.41	3.27	24.54	497-6506-2-ND	5,000	108.22/M	SMAJ170CA-TR
	600	209	—	—	188	497-7891-1-ND	.29	2.41	18.07	—	—	—	SMAJ188CA-TR
	600	77.8	—	—	70	497-4291-1-ND	.48	3.82	28.62	497-4291-2-ND	5,000	125.57/M	SMAJ70CA-TR
	600	6.4	6.74	7.07	5.0	497-5939-1-ND	.50	4.00	29.99	497-5939-2-ND	5,000	132.18/M	SMA6J5.0CA-TR
	600	6.7	7.05	7.41	6.0	497-5943-1-ND	.50	4.00	29.99	497-5943-2-ND	5,000	132.18/M	SMA6J6.0CA-TR
	600	7.2	7.58	7.96	6.5	497-5945-1-ND	.46	3.47	27.26	497-5945-2-ND	5,000	132.18/M	SMA6J6.5CA-TR
	600	9.4	9.9	10.4	8.5	497-5949-1-ND	.40	3.24	24.29	497-5949-2-ND	5,000	107.40/M	SMA6J8.5CA-TR
3 (SMB)	600	11.1	11.7	12.3	10	497-5916-1-ND	.50	4.00	29.99	—	—	—	SMAJ10CA-TR
	600	13.3	14.0	14.7	12	497-5918-1-ND	.50	4.00	29.99	497-5918-2-ND	5,000	132.18/M	SMA6J12CA-TR
	600	14.4	15.2	15.9	13	497-5920-1-ND	.40	3.24	24.29	497-5920-2-ND	5,000	107.40/M	SMA6J13CA-TR
	600	16.7	17.6	18.5	15	497-5922-1-ND	.50	4.00	29.99	497-5922-2-ND	5,000	132.18/M	SMA6J15CA-TR
	600	26.7	28.1	29.5	24	497-5928-1-ND	.50	4.00	29.99	497-5928-2-ND	5,000	132.18/M	SMA6J24CA-TR
	600	28.9	30.4	31.9	26	497-5930-1-ND	.40	3.24	24.29	497-5930-2-ND	5,000	107.40/M	SMA6J26CA-TR
	600	31.1	32.7	34.4	28	497-7888-1-ND	.48	3.82	28.62	497-7888-2-ND	5,000	125.57/M	SMA6J28CA-TR
	600	36.7	38.6	40.6	33	497-5933-1-ND	.50	4.00	29.99	497-5933-2-ND	5,000	132.18/M	SMA6J33CA-TR
	600	44.4	46.7	49.1	40	497-5935-1-ND	.50	4.00	29.99	497-5935-2-ND	5,000	132.18/M	SMA6J40CA-TR
	600	53.3	56.1	58.9	48	497-5937-1-ND	.46	3.47	27.26	497-5937-2-ND	5,000	132.18/M	SMA6J48CA-TR
3 (SMB)	600	64.4	67.8	71.2	58	497-5941-1-ND	.40	3.24	24.29	497-5941-2-ND	5,000	107.40/M	SMA6J58CA-TR
	600	94	99	104	85	497-7889-1-ND	.50	4.00	29.99	497-7889-2-ND	5,000	132.18/M	SMA6J85CA-TR
	600	111	117	123	100	497-7883-1-ND	.50	4.00	29.99	497-7883-2-ND	5,000	132.18/M	SMA6J100CA-TR
	600	144	152	159	130	497-7884-1-ND	.35	2.94	22.08	497-7884-2-ND	5,000	132.18/M	SMA6J130CA-TR
	600	171	180	189	154	497-7885-1-ND	.35	2.94	22.08	497-7885-2-ND	5,000	132.18/M	SMA6J154CA-TR
	600	189	199	209	170	497-7886-1-ND	.35	2.94	22.08	497-7886-2-ND	5,000	132.18/M	SMA6J170CA-TR
	600	209	220	231	188	497-7887-1-ND	.50	4.00	29.99	497-7887-2-ND	5,000	132.18/M	SMA6J188CA-TR
	600	—	—	35	22	497-3719-1-ND	.79	7.08	56.21	497-3719-2-ND	2,500	291.62/M	SMP100-LC-25
	600	—	—	15	6.0	497-3721-1-ND	1.26	11.21	89.00	497-3721-2-ND	2,500	461.79/M	SMP75-8
	600	—	—	15	6.0	497-3720-1-ND	1.16	10.33	82.08	497-3720-2-ND	2,500	425.44/M	SMP100-LC-8
600	—	—	133	90	497-3722-1-ND	.90	6.94	54.77	497-3722-2-ND	2,500	264.36/M	SMTPA180	
600	—	—	240	162	497-3723-1-ND	.73	6.28	49.57	497-3723-2-ND	2,500	239.57/M	SMTPA180	
600	—	—	360	243	497-3724-1-ND	.84	7.25	57.25	497-3724-2-ND	2,500	276.75/M	SMTPA270	

◆ RoHS Compliant † Tape and Box ‡ Tube

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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