

# STMICROELECTRONICS Surge Protection Devices



STMicroelectronics

Products may be RoHS compliant. Check mouser.com for RoHS status.

## TRANSIL™ TRANSIENT VOLTAGE SUPPRESSORS (CONT.)

SMA6J Series 600 Watt

Surface Mount Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.				Package	V <sub>BR</sub> @ I <sub>R</sub>			V <sub>RWM</sub> (V)	I <sub>RSM</sub> Max. (A)	V <sub>RSM</sub> Max. (V)	Price Each							
Unidirectional		Bidirectional			Min. (V)	Max. (V)	(mA)				Unidirectional				Bidirectional			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.								1	10	100	250	1	10	100	250
◆	511—SMA6J5.0A-TR	◆	511—SMA6J12CA-TR	DO-214AC	6.40	7.07	10	5.00	68.00	9.1	.57	.45	.343	.296	---	---	---	---
◆	511—SMA6J15A-TR	◆	511—SMA6J15CA-TR	DO-214AC	13.30	14.70	1	12.00	31.00	18.8	---	---	---	---	.61	.48	.363	.313
◆	511—SMA6J24A-TR	◆	511—SMA6J24CA-TR	DO-214AC	16.70	18.50	1	15.00	25.10	23.6	.57	.45	.343	.296	.61	.48	.363	.313
◆	511—SMA6J28A-TR	◆	511—SMA6J28CA-TR	DO-214AC	26.7	29.5	1	24.00	16.00	37.8	.57	.45	.343	.296	.61	.48	.363	.313
◆	511—SMA6J33A-TR	◆	511—SMA6J33CA-TR	DO-214AC	31.1	34.4	1	28.00	13.80	44.0	.57	.45	.343	.296	---	---	---	---
◆	511—SMA6J33A-TR	◆	511—SMA6J33CA-TR	DO-214AC	36.7	40.6	1	33.00	11.80	51.9	.57	.45	.343	.296	---	---	---	---

P6KE Series 600 Watt

Surface Mount Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.				Package	V <sub>BR</sub> @ I <sub>R</sub>			V <sub>RWM</sub> (V)	I <sub>RSM</sub> Max. (A)	V <sub>RSM</sub> Max. (V)	Price Each							
Unidirectional		Bidirectional			Min. (V)	Max. (V)	(mA)				Unidirectional				Bidirectional			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.								1	10	100	250	1	10	100	250
◆	511—P6KE6V8A	◆	511—P6KE6V8CA	DO-15	6.45	7.14	10	5.80	57.00	10.5	.37	.26	.22	.18	.60	.45	.346	.296
◆	511—P6KE10A	◆	511—P6KE10CA	DO-15	9.50	10.50	1	8.55	41.00	14.5	.23	.21	.199	.185	---	---	---	---
◆	511—P6KE12A	◆	511—P6KE12CA	DO-15	11.40	12.60	1	10.20	36.00	16.7	---	---	---	---	.39	.28	.24	.20
◆	511—P6KE15A	◆	511—P6KE15CA	DO-15	14.30	15.80	1	12.80	28.00	21.2	.37	.26	.22	.18	---	---	---	---
◆	511—P6KE18A	◆	511—P6KE18CA	DO-15	17.10	18.90	1	15.30	24.00	25.2	.37	.26	.225	.184	.39	.28	.24	.20
◆	511—P6KE27A	◆	511—P6KE27CA	DO-15	25.70	28.40	1	23.10	16.00	37.5	.37	.26	.225	.184	.39	.28	.24	.20
◆	511—P6KE30A	◆	511—P6KE30CA	DO-15	28.50	31.50	1	25.60	14.50	41.5	.59	.47	.354	.306	---	---	---	---
◆	511—P6KE36A	◆	511—P6KE36CA	DO-15	31.40	34.70	1	28.20	13.10	45.7	---	---	---	---	.39	.28	.24	.20
◆	511—P6KE39A	◆	511—P6KE39CA	DO-15	34.20	37.80	1	30.80	12.00	49.9	.37	.26	.22	.18	.69	.55	.415	.359
◆	511—P6KE150A	◆	511—P6KE150CA	DO-15	37.10	41.00	1	33.30	11.10	53.9	.37	.26	.22	.18	.33	.22	.20	.18
◆	511—P6KE200A	◆	511—P6KE200CA	DO-15	143.00	158.00	1	128.00	2.90	207	.37	.26	.22	.19	.39	.28	.24	.20
◆	511—P6KE400A	◆	511—P6KE400CA	DO-15	190.00	210.00	1	171.00	2.20	274	.37	.26	.22	.18	---	---	---	---
◆	511—P6KE400ARL	◆	511—P6KE400CARL	DO-15	380.00	420.00	1	380.00	1.10	548	.64	.51	.382	.33	---	---	---	---

SMCJ Series 1500 Watt

Surface Mount Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.				Package	V <sub>BR</sub> @ I <sub>R</sub>			V <sub>RWM</sub> (V)	I <sub>RSM</sub> Max. (A)	V <sub>RSM</sub> Max. (V)	Price Each							
Unidirectional		Bidirectional			Min. (V)	Max. (V)	(mA)				Unidirectional				Bidirectional			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.								1	10	100	250	1	10	100	250
◆	511—SMCJ5.0A-TR	◆	511—SMCJ15CA-TR	DO-214AB	6.40	6.74	10	5	171.00	9.2	.92	.79	.63	.546	---	---	---	---
◆	511—SMCJ15A-TR	◆	511—SMCJ40CA-TR	DO-214AB	16.70	17.60	1	15.00	64.00	24.4	.84	.735	.567	.493	.84	.735	.567	.493
◆	511—SMCJ15A-TR	◆	511—SMCJ40CA-TR	DO-214AB	44.40	46.70	1	40.00	24.00	64.5	---	---	---	---	.92	.798	.63	.546

SM15T Series 1500 Watt

Surface Mount Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.				Package	V <sub>BR</sub> @ I <sub>R</sub>			V <sub>RWM</sub> (V)	I <sub>RSM</sub> Max. (A)	V <sub>RSM</sub> Max. (V)	Price Each							
Unidirectional		Bidirectional			Min. (V)	Max. (V)	(mA)				Unidirectional				Bidirectional			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.								1	10	100	250	1	10	100	250
◆	511—SM15T6V8A	◆	511—SM15T6V8CA	DO-214AB	6.45	7.14	10	5.80	143.00	10.5	.92	.79	.63	.546	1.01	.87	.69	.598
◆	511—SM15T10A	◆	511—SM15T10CA	DO-214AB	9.50	10.50	1	8.55	103.00	14.5	---	---	---	---	.80	.70	.54	.47
◆	511—SM15T15A	◆	511—SM15T15CA	DO-214AB	14.30	15.80	1	12.80	71.00	21.2	.88	.76	.60	.52	.96	.829	.661	.573
◆	511—SM15T18A	◆	511—SM15T18CA	DO-214AB	17.10	18.90	1	15.30	59.50	25.2	.88	.76	.60	.52	.84	.735	.567	.493
◆	511—SM15T24A	◆	511—SM15T24CA	DO-214AB	22.80	25.20	1	20.50	45.00	33.2	---	---	---	---	.78	.67	.61	.53
◆	511—SM15T27A	◆	511—SM15T27CA	DO-214AB	25.70	28.40	1	23.10	40.00	37.5	.92	.79	.63	.546	---	---	---	---
◆	511—SM15T33A	◆	511—SM15T33CA	DO-214AB	31.40	34.70	1	28.20	33.00	45.7	.84	.66	.57	.494	.92	.79	.63	.546
◆	511—SM15T36A	◆	511—SM15T36CA	DO-214AB	34.20	37.80	1	30.80	30.00	49.9	.92	.79	.63	.546	.92	.79	.63	.546
◆	511—SM15T39A	◆	511—SM15T39CA	DO-214AB	37.10	41.00	1	33.30	28.00	53.9	.94	.695	.63	.575	.86	.68	.58	.52
◆	511—SM15T68A	◆	511—SM15T68CA	DO-214AB	64.60	71.40	1	58.10	16.30	92.0	.88	.69	.60	.52	.88	.70	.54	.501
◆	511—SM15T100A	◆	511—SM15T100CA	DO-214AB	95.00	105.00	1	85.50	11.00	137.0	.74	.63	.57	.50	.92	.80	.63	.55
◆	511—SM15T200A	◆	511—SM15T200CA	DO-214AB	190.00	210.00	1	171.00	5.50	274.0	.59	.58	.54	.495	.88	.76	.60	.52
◆	511—SM15T200A	◆	511—SM15T220CA	DO-214AB	209.00	231.00	1	188.00	4.60	328.0	---	---	---	---	.88	.76	.60	.52

1.5KE Series 1500 Watt

Surface Mount Devices

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MOUSER STOCK NO.				Package	V <sub>BR</sub> @ I <sub>R</sub>			V <sub>RWM</sub> (V)	I <sub>RSM</sub> Max. (A)	V <sub>RSM</sub> Max. (V)	Price Each							
Unidirectional		Bidirectional			Min. (V)	Max. (V)	(mA)				Unidirectional				Bidirectional			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.								1	10	100	250	1	10	100	250
◆	511—1.5KE6V8CA	◆	511—1.5KE12CA	DO-201	6.45	7.14	10	5.80	143.00	10.5	---	---	---	---	.56	.45	.38	.32
◆	511—1.5KE15A	◆	511—1.5KE15CA	DO-201	11.40	12.60	1	10.20	90.00	16.7	---	---	---	---	.56	.45	.38	.32
◆	511—1.5KE18A	◆	511—1.5KE18CA	DO-201	14.30	15.80	1	12.80	71.00	21.2	.54	.43	.36	.31	.88	.76	.60	.52
◆	511—1.5KE22A	◆	511—1.5KE22CA	DO-201	17.10	18.90	1	15.30	59.50	25.2	.54	.43	.36	.31	.56	.45	.38	.32
◆	511—1.5KE24A	◆	511—1.5KE24CA	DO-201	20.90	23.10	1	18.80	49.00	30.6	.54	.43	.36	.31	---	---	---	---
◆	511—1.5KE30A	◆	511—1.5KE30CA	DO-201	22.80	25.20	1	20.50	45.00	33.2	---	---	---	---	.92	.79	.63	.546
◆	511—1.5KE33A	◆	511—1.5KE33CA	DO-201	25.70	28.40	1	23.10	36.00	41.5	.54	.43	.36	.31	.57	.46	.389	.328
◆	511—1.5KE36A	◆	511—1.5KE36CA	DO-201	31.40	34.70	1	28.20	33.00	45.7	.81	.64	.485	.419	.81	.70	.555	.481
◆	511—1.5KE39A	◆	511—1.5KE39CA	DO-201	34.20	37.80	1	30.80	30.00	49.9	.54	.43	.36	.31	.52	.41	.347	.294
◆	511—1.5KE47A	◆	511—1.5KE47CA	DO-201	37.10	41.00	1	33.30	28.00	53.9	.88	.76	.60	.52	.56	.45	.38	.32
◆	511—1.5KE62A	◆	511—1.5KE62CA	DO-201	44.70	49.40	1	40.20	23.20	64.8	.62	.49	.416	.358	---	---	---	---
◆	511—1.5KE68A	◆	511—1.5KE68CA	DO-201	58.90	65.10	1	53.00	17.70	85.0	---	---	---	---	.56	.45	.38	.32
◆	511—1.5KE100A	◆	511—1.5KE100CA	DO-201	64.60	71.40	1	58.10	16.30	92.0	.54	.43	.36	.31	.56	.45	.38	.32
◆	511—1.5KE150A	◆	511—1.5KE150CA	DO-201	95.00	105.00	1	85.50	11.00	137.0	.54	.43	.36	.31	.56	.45	.38	.32
◆	511—1.5KE180A	◆	511—1.5KE180CA	DO-201	114.00	126.00	1	102.00	9.10	165.0	---	---	---	---	.56	.45	.38	.32
◆	511—1.5KE200A	◆	511—1.5KE200CA	DO-201	143.00	158.00	1											