

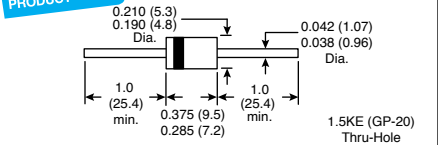
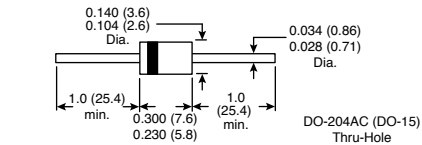
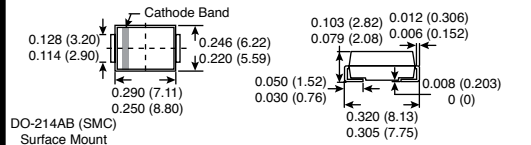
VISHAY Transient Voltage Suppressors



This product is RoHS compliant.

DIMENSIONS: in. (mm)

PRODUCT **NEW**



Transient Protection

Vishay General Semiconductor

Series	Type	Voltage Range	Price Each			
			1	100	500	1000
SMCJ	Unidirectional	18 - 20	.69	.47	.345	.304
SMCJ	Bidirectional	18 - 20	.73	.54	.412	.379
SMCJ	Unidirectional	22 - 26	.69	.47	.345	.304
SMCJ	Bidirectional	22 - 26	.78	.58	.445	.409
SMCJ	Unidirectional	30 - 188	.69	.47	.345	.304
SMCJ	Bidirectional	30 - 188	.73	.54	.412	.379
SM15T	Unidirectional	10 - 22	.57	.49	.433	.355
SM15T	Bidirectional	10 - 22	.73	.62	.551	.453
SM15T	Unidirectional	24 - 68	.61	.52	.467	.383
SM15T	Bidirectional	24 - 68	.73	.62	.551	.453
SA	Unidirectional	5.0 - 75	.32	.28	.252	.206
SA	Bidirectional	5.0 - 75	.38	.33	.295	.241
SAC	Unidirectional	5.0 - 10	.38	.33	.296	.251
SAC	Unidirectional	12 - 50	.38	.33	.296	.251

Series	Type	Voltage Range	Price Each			
			1	100	500	1000
P6KE	Unidirectional	6.8 - 9.1	.32	.27	.241	.191
P6KE	Bidirectional	6.8 - 9.1	.40	.33	.299	.237
P6KE	Unidirectional	10 - 22	.32	.27	.241	.191
P6KE	Bidirectional	10 - 22	.40	.33	.299	.237
P6KE	Unidirectional	24 - 220	.32	.27	.241	.191
P6KE	Bidirectional	24 - 220	.40	.33	.299	.237
1.5KE	Unidirectional	6.8 - 9.1	.57	.48	.402	.345
1.5KE	Bidirectional	6.8 - 9.1	.73	.54	.412	.379
1.5KE	Unidirectional	10 - 22	.57	.48	.402	.345
1.5KE	Bidirectional	10 - 22	.73	.54	.412	.379
1.5KE	Unidirectional	24 - 220	.57	.48	.402	.345
1.5KE	Bidirectional	24 - 220	.73	.54	.412	.379
1.5KE	Unidirectional	300	1.48	1.24	1.03	.889
1.5KE	Bidirectional	300	1.25	1.05	.875	.75
1.5KE	Unidirectional	440	1.48	1.24	1.03	.889
1.5KE	Bidirectional	440	2.28	1.91	1.59	1.37

VISHAY SMCJ SERIES 1500 WATT (CONT.)

MOUSER STOCK NO.				Package	VBR @ It			VRWM (V)	IRSM (A) Max.	VRSM (V) Max.
Unidirectional	Bidirectional				(V) Min.	(V) Max.	(mA)			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.							
625-SMCJ18A-E3	625-SMCJ18CA-E3	DO-214AB	20.00	22.10	1	18.00	51.4	29.2		
625-SMCJ20A-E3	625-SMCJ20CA-E3	DO-214AB	22.20	24.50	1	20.00	46.3	32.4		
625-SMCJ22A-E3	625-SMCJ22CA-E3	DO-214AB	24.40	26.90	1	22.00	42.3	35.5		
625-SMCJ24A-E3	625-SMCJ24CA-E3	DO-214AB	26.70	29.50	1	24.00	38.6	38.9		
625-SMCJ26A-E3	625-SMCJ26CA-E3	DO-214AB	28.90	31.90	1	26.00	35.6	42.1		
625-SMCJ30A-E3	625-SMCJ30CA-E3	DO-214AB	33.30	36.80	1	30.00	31.0	48.4		
625-SMCJ33A-E3	625-SMCJ33CA-E3	DO-214AB	36.70	40.60	1	33.00	28.1	53.3		
625-SMCJ36A-E3	625-SMCJ36CA-E3	DO-214AB	40.00	44.20	1	36.00	25.8	58.1		
625-SMCJ40A-E3	625-SMCJ40CA-E3	DO-214AB	44.40	49.10	1	40.00	23.3	64.5		
625-SMCJ28A-E3	625-SMCJ28CA-E3	DO-214AB	31.10	34.40	1	28.00	33.0	45.4		
625-SMCJ43A-E3	625-SMCJ43CA-E3	DO-214AB	47.80	52.80	1	43.00	21.6	69.4		
625-SMCJ45A-E3	625-SMCJ45CA-E3	DO-214AB	50.00	55.30	1	45.00	20.6	72.7		
625-SMCJ48A-E3	625-SMCJ48CA-E3	DO-214AB	53.30	58.90	1	48.00	19.4	77.4		
625-SMCJ51A-E3	625-SMCJ51CA-E3	DO-214AB	56.70	62.70	1	51.00	18.2	82.4		
625-SMCJ54A-E3	625-SMCJ54CA-E3	DO-214AB	60.00	66.30	1	54.00	17.2	87.1		
625-SMCJ58A-E3	625-SMCJ58CA-E3	DO-214AB	64.40	71.20	1	58.00	16.0	93.0		
625-SMCJ60A-E3	625-SMCJ60CA-E3	DO-214AB	66.70	73.70	1	60.00	15.5	96.0		
625-SMCJ70A-E3	625-SMCJ70CA-E3	DO-214AB	77.80	86.00	1	70.00	13.3	113.0		
625-SMCJ75A-E3	625-SMCJ75CA-E3	DO-214AB	83.30	92.10	1	75.00	12.4	121.0		
625-SMCJ78A-E3	625-SMCJ78CA-E3	DO-214AB	86.70	95.80	1	78.00	11.9	126.0		
625-SMCJ85A-E3	625-SMCJ85CA-E3	DO-214AB	94.40	104.00	1	85.00	10.9	137.0		
625-SMCJ100A-E3	625-SMCJ100CA-E3	DO-214AB	111.00	123.00	1	100.00	9.3	162.0		
625-SMCJ110A-E3	625-SMCJ110CA-E3	DO-214AB	122.00	135.00	1	110.00	8.5	177.0		
625-SMCJ120A-E3	625-SMCJ120CA-E3	DO-214AB	133.00	147.00	1	120.00	7.8	193.0		
625-SMCJ130A-E3	625-SMCJ130CA-E3	DO-214AB	144.00	159.00	1	130.00	7.2	209.0		
625-SMCJ150A-E3	625-SMCJ150CA-E3	DO-214AB	167.00	185.00	1	150.00	6.2	243.0		
625-SMCJ188A-E3	625-SMCJ188CA-E3	DO-214AB	209.00	231.00	1	188.00	4.6	328.0		

VISHAY SM15T SERIES 1500 WATT

625-SM15T10A-E3	625-SM15T10CA-E3	DO-214AB	9.50	10.50	1	8.55	103.0	14.5
625-SM15T12A-E3	625-SM15T12CA-E3	DO-214AB	11.40	12.60	1	10.20	90.0	16.7
625-SM15T15A-E3	625-SM15T15CA-E3	DO-214AB	14.30	15.80	1	12.80	71.0	21.2
625-SM15T18A-E3	625-SM15T18CA-E3	DO-214AB	17.10	18.90	1	15.30	59.5	25.2
625-SM15T22A-E3	625-SM15T22CA-E3	DO-214AB	20.90	23.10	1	18.80	49.0	30.6
625-SM15T24A-E3	625-SM15T24CA-E3	DO-214AB	22.80	25.20	1	20.50	45.0	33.2
625-SM15T27A-E3	625-SM15T27CA-E3	DO-214AB	25.70	28.40	1	23.10	40.0	37.5
625-SM15T30A-E3	625-SM15T30CA-E3	DO-214AB	28.50	31.50	1	25.60	36.0	41.5
625-SM15T33A-E3	625-SM15T33CA-E3	DO-214AB	31.40	34.70	1	28.20	33.0	45.7
625-SM15T36A-E3	625-SM15T36CA-E3	DO-214AB	34.20	37.80	1	30.80	30.0	49.9
625-SM15T39A-E3	625-SM15T39CA-E3	DO-214AB	37.10	41.00	1	33.30	28.0	53.9
625-SM15T68A-E3	625-SM15T68CA-E3	DO-214AB	64.60	71.40	1	58.10	16.3	92.0

VISHAY SA SERIES 500 WATT

625-SA5.0A-E3/54	625-SA5.0CA-E3/54	DO-204AC	6.40	7.00	10	5.00	54.3	9.2
625-SA6.5A-E3/54	625-SA6.5CA-E3/54	DO-204AC	7.22	7.98	10	6.50	44.70	11.2
625-SA10A-E3/54	625-SA10CA-E3/54	DO-204AC	11.10	12.30	10	10.00	29.4	17.0
625-SA12A-E3/54	625-SA12CA-E3/54	DO-204AC	13.30	14.70	10	12.00	25.1	19.9
625-SA13A-E3/54	625-SA13CA-E3/54	DO-204AC	14.40	15.90	10	13.00	23.3	21.5
625-SA15A-E3/54	625-SA15CA-E3/54	DO-204AC	16.70	18.50	10	15.00	20.5	24.4
625-SA20A-E3/54	625-SA20CA-E3/54	DO-204AC	22.20	24.50	10	20.00	15.4	32.4
625-SA24A-E3/54	625-SA24CA-E3/54	DO-204AC	26.70	29.50	10	24.00	12.9	38.9
625-SA28A-E3/54	625-SA28CA-E3/54	DO-204AC	31.10	34.40	10	28.00	11.0	45.4
625-SA30A-E3/54	625-SA30CA-E3/54	DO-204AC	33.30	36.80	10	30.00	10.0	48.4
625-SA36A-E3/54	625-SA36CA-E3/54	DO-204AC	40.00	44.20	10	36.00	8.6	58.1

VISHAY SAC SERIES 500 WATT (LOW CAPACITANCE)

625-SAC5.0-E3/54	DO-204AC	7.60	300.00	10.0	44.0	75.0	100
625-SAC6.0-E3/54	DO-204AC	7.90	300.00	11.2	41.0	75.0	100
625-SAC7.0-E3/54	DO-204AC	8.33	300.00	12.6	38.0	75.0	100
625-SAC8.0-E3/54	DO-204AC	9.44	300.00	14.0	34.0	75.0	100
625-SAC10.0-E3/54	DO-204AC	11.10	5.00	16.3	29.0	75.0	100
625-SAC12.0-E3/54	DO-204AC	13.30	5.00	19.0	25.0	75.0	100
625-SAC18.0-E3/54	DO-204AC	20.00	5.00	28.8	15.0	75.0	100
625-SAC22.0-E3/54	DO-204AC	24.40	5.00	35.4	11.4	75.0	100
625-SAC26.0-E3/54	DO-204AC	28.90	5.00	42.3	11.0	75.0	100
625-SAC30.0-E3/54	DO-204AC	33.30	5.00	48.6	10.0	75.0	100
625-SAC36.0-E3/54	DO-204AC	40.00	5.00	60.0	8.6	75.0	100

VISHAY SAC SERIES 500 WATT (LOW CAPACITANCE) (CONT.)

MOUSER STOCK NO.				Package	VBR @ It			VRWM (V)	IRSM (A) Max.	VRSM (V) Max.
Unidirectional	Bidirectional				(V) Min.	(V) Max.	(mA)			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.							
625-SAC45-E3/54	DO-204AC	50.00	5.00	77.0	6.8	150	200			
625-SAC50-E3/54	DO-204AC	55.50	5.00	88.0	5.8	150.0	200			

VISHAY P6KE SERIES 600 WATT

625-P6KE6.8A-E3	625-P6KE6.8CA-E3	DO-204AC	6.45	7.14	10	5.80	57.4	10.5
625-P6KE7.5A-E3	625-P6KE7.5CA-E3	DO-204AC	7.13	7.88	10	6.40	53.1	11.3
625-P6KE8.2A-E3	625-P6KE8.2CA-E3	DO-204AC	7.79	8.61	10	7.02	49.6	12.1
625-P6KE9.1A-E3	625-P6KE9.1CA-E3	DO-204AC	8.65	9.55	10	7.78	44.8	13.4
625-P6KE10A-E3	625-P6KE10CA-E3	DO-204AC	9.50	10.50	10	8.55	41.4	14.5
625-P6KE12A-E3	625-P6KE12CA-E3	DO-204AC	11.40	12.60	10	10.20	35.9	16.7
625-P6KE13A-E3	625-P6KE13CA-E3	DO-204AC	12.40	13.70	10	11.10	33.0	18.2
625-P6KE15A-E3	625-P6KE15CA-E3	DO-204AC	14.30	15.80	10	12.80	28.3	21.2
625-P6KE16A-E3	625-P6KE16CA-E3	DO-204AC	15.20	16.80	10	13.60	26.7	22.5
625-P6KE18A-E3	625-P6KE18CA-E3	DO-204AC	17.10	18.90	10	15.30	23.8	25.2
625-P6KE20A-E3	625-P6KE20CA-E3	DO-204AC	19.00	21.00	10	17.10	21.7	27.7
625-P6KE22A-E3	625-P6KE22CA-E3	DO-204AC	20.90	23.10	10	18.80	19.6	30.6
625-P6KE24A-E3	625-P6KE24CA-E3	DO-204AC	22.80	25.20	10	20.50	18.1	33.2
625-P6KE27A-E3	625-P6KE27CA-E3	DO-204AC	25.70	28.40	10	23.10	16.0	37.5
625-P6KE30A-E3	625-P6KE30CA-E3	DO-204AC	28.50	31.50	10	25.60	14.5	41.4
625-P6KE33A-E3	625-P6KE33CA-E3	DO-204AC	31.40	34.70	10	26.20	13.1	45.7
625-P6KE36A-E3	625-P6KE36CA-E3	DO-204AC	34.20	37.80	10	30.80	12.0	49.9
625-P6KE39A-E3	625-P6KE39CA-E3	DO-204AC	37.10	41.00	10	33.30	11.1	53.9
625-P6KE47A-E3	625-P6KE47CA-E3	DO-204AC	44.70</					