

VISHAY Transient Voltage Suppressors

VISHAY SMCJ SERIES 1500 WATT (CONT.)

RoHS Compliant This product is RoHS compliant.

For quantities of 2000 and up, call for quote.

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.							
Surface Mount										
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—SMCJ64A-E3	625—SMCJ64CA-E3	DO-214AB	71.10	78.60	1	64.00	14.6	103.0		
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—SMCJ64A-E3	625—SMCJ64CA-E3	DO-214AB	71.10	78.60	1	64.00	14.6	103.0		
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—SMCJ90A-E3	625—SMCJ90CA-E3	DO-214AB	100.00	111.00	1	90.00	10.3	146.0		
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—SMCJ160A-E3	625—SMCJ160CA-E3	DO-214AB	178.00	197.00	1	160.00	5.8	259.0		
625—SMCJ170A-E3	625—SMCJ170CA-E3	DO-214AB	189.00	209.00	1	170.00	5.5	275.0		
625—SMCJ188A-E3	625—SMCJ188CA-E3	DO-214AB	209.00	231.00	1	188.00	4.6	328.0		

Series	Type	Voltage Range	Price Each			
			1	100	500	1000
SMCJ	Unidirectional	18 - 20				
SMCJ	Bidirectional	18 - 20				
SMCJ	Unidirectional	22 - 26				
SMCJ	Bidirectional	22 - 26				
SMCJ	Unidirectional	30 - 188				
SMCJ	Bidirectional	30 - 188				
SM15T	Unidirectional	10 - 22				
SM15T	Bidirectional	10 - 22				
SM15T	Unidirectional	24 - 68				
SM15T	Bidirectional	24 - 68				
SA	Unidirectional	5.0 - 75				
SA	Bidirectional	5.0 - 75				
SAC	Unidirectional	5.0 - 10				

VISHAY SM15T SERIES 1500 WATT

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.							
Surface Mount										
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

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.							
Thru-Hole										
625—SA5.0A-E3/54	625—SA5.0CA-E3/54	DO-204AC	6.40	7.00	10	5.00	54.3	9.2		
625—SA6.0A-E3/54	625—SA6.0CA-E3/54	DO-204AC	6.67	7.37	10	6.00	48.5	10.3		
625—SA6.5A-E3/54	625—SA6.5CA-E3/54	DO-204AC	7.22	7.98	10	6.50	44.7	11.2		
625—SA10A-E3/54	625—SA10CA-E3/54	DO-204AC	11.10	12.30	1	10.00	29.4	17.0		
625—SA11A-E3	625—SA11CA-E3/54	DO-204AC	12.20	13.50	1	11.00	27.5	18.2		
625—SA12A-E3/54	625—SA12CA-E3/54	DO-204AC	13.30	14.70	1	12.00	25.1	19.9		
625—SA13A-E3/54	625—SA13CA-E3/54	DO-204AC	14.40	15.90	1	13.00	23.3	21.5		
625—SA15A-E3/54	625—SA15CA-E3/54	DO-204AC	16.70	18.50	1	15.00	20.5	24.4		
625—SA20A-E3/54	625—SA20CA-E3/54	DO-204AC	22.20	24.50	1	20.00	15.4	32.4		
625—SA22A-E3/54	625—SA22CA-E3/54	DO-204AC	24.40	26.90	1	22.00	14.1	35.5		
625—SA24A-E3/54	625—SA24CA-E3/54	DO-204AC	26.70	29.50	1	24.00	12.9	38.9		
625—SA28A-E3/54	625—SA28CA-E3/54	DO-204AC	31.10	34.40	1	28.00	11.0	45.4		
625—SA30A-E3/54	625—SA30CA-E3/54	DO-204AC	33.30	36.80	1	30.00	10.0	48.4		
625—SA33A-E3/54	625—SA33CA-E3/54	DO-204AC	36.70	40.60	1	33.00	9.4	53.3		
625—SA36A-E3/54	625—SA36CA-E3/54	DO-204AC	40.00	44.20	1	36.00	8.6	58.1		
625—SA75A-E3	625—SA75CA-E3	DO-204AC	83.30	92.10	1	75.00	4.1	121.0		

VISHAY SAC SERIES 500 WATT (LOW CAPACITANCE)

MOUSER STOCK NO.				Package	V _(BR) (V) Min.	I _o Max. (μA)	V _c Max. (V)	I _{pp} Max. (A)	V _{WIB} Max. (A)	V _{PIB} Max. (V)
Unidirectional		Bidirectional								
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.							
Thru-Hole										
625—SAC5.0-E3/54	-----	DO-204AC	7.60	300.0	10.0	44.0	75	100		
625—SAC6.0-E3/54	-----	DO-204AC	7.90	300.0	11.2	41.0	75	100		
625—SAC7.0-E3/54	-----	DO-204AC	8.33	300.0	12.6	38.0	75	100		
625—SAC8.0-E3/54	-----	DO-204AC	8.89	100.0	13.4	36.0	75	100		
625—SAC8.5-E3/54	-----	DO-204AC	9.44	50.0	14.0	34.0	75	100		
625—SAC10-E3/54	-----	DO-204AC	11.10	5.0	16.3	29.0	75	100		

