

# VISHAY Transient Voltage Suppressors

RoHS Compliant This product is RoHS compliant.

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



RoHS Compliant

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.				Package	VBR @ It			VRWM (V)	IRSM (A) Max.	VSRM (V) Max.
Unidirectional		Bidirectional			(V) Min.	(V) Max.	(mA)			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.							
<b>Thru-Hole</b>										
625—SAC12-E3/54	-----	-----	-----	DO-204AC	13.30	5.0	19.0	25.0	75	100
625—SAC18-E3/54	-----	-----	-----	DO-204AC	20.00	5.0	28.8	15.0	75	100
625—SAC22-E3/54	-----	-----	-----	DO-204AC	24.40	5.0	35.4	14.0	75	100
625—SAC26-E3/54	-----	-----	-----	DO-204AC	28.90	5.0	42.3	11.1	75	100
625—SAC30-E3/54	-----	-----	-----	DO-204AC	33.30	5.0	48.6	10.0	75	100
625—SAC36-E3/54	-----	-----	-----	DO-204AC	40.00	5.0	60.0	8.6	75	100
625—SAC45-E3/54	-----	-----	-----	DO-204AC	50.00	5.0	77.0	6.8	150	200
625—SAC50-E3/54	-----	-----	-----	DO-204AC	55.50	5.0	88.0	5.8	150.0	200

## VISHAY P6KE SERIES 600 WATT



RoHS Compliant

MOUSER STOCK NO.				Package	VBR @ It			VRWM (V)	IRSM (A) Max.	VSRM (V) Max.
Unidirectional		Bidirectional			(V) Min.	(V) Max.	(mA)			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.							
<b>Thru-Hole</b>										
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	1	6.40	53.1	11.3		
625—P6KE8.2A-E3	625—P6KE8.2CA-E3	DO-204AC	7.79	8.61	1	7.02	49.6	12.1		
625—P6KE9.1A-E3	625—P6KE9.1CA-E3	DO-204AC	8.65	9.55	1	7.78	44.8	13.4		
625—P6KE10A-E3	625—P6KE10CA-E3	DO-204AC	9.50	10.50	1	8.55	41.4	14.5		
625—P6KE12A-E3	625—P6KE12CA-E3	DO-204AC	11.40	12.60	1	10.20	35.9	16.7		
625—P6KE13A-E3	625—P6KE13CA-E3	DO-204AC	12.40	13.70	1	11.10	33.0	18.2		
625—P6KE15A-E3	625—P6KE15CA-E3	DO-204AC	14.30	15.80	1	12.80	28.3	21.2		
625—P6KE16A-E3	625—P6KE16CA-E3	DO-204AC	15.20	16.80	1	13.60	26.7	22.5		
625—P6KE18A-E3	625—P6KE18CA-E3	DO-204AC	17.10	18.90	1	15.30	23.8	25.2		
625—P6KE20A-E3	625—P6KE20CA-E3	DO-204AC	19.00	21.00	1	17.10	21.7	27.7		
625—P6KE22A-E3	625—P6KE22CA-E3	DO-204AC	20.90	23.10	1	18.80	19.6	30.6		
625—P6KE24A-E3	625—P6KE24CA-E3	DO-204AC	22.80	25.20	1	20.50	18.1	33.2		
625—P6KE27A-E3	625—P6KE27CA-E3	DO-204AC	25.70	28.40	1	23.10	16.0	37.5		
625—P6KE30A-E3	625—P6KE30CA-E3	DO-204AC	28.50	31.50	1	25.60	14.5	41.4		
625—P6KE33A-E3	625—P6KE33CA-E3	DO-204AC	31.40	34.70	1	26.20	13.1	45.7		
625—P6KE36A-E3	625—P6KE36CA-E3	DO-204AC	34.20	37.80	1	30.80	12.0	49.9		
625—P6KE39A-E3	625—P6KE39CA-E3	DO-204AC	37.10	41.00	1	33.30	11.1	53.9		
625—P6KE47A-E3	625—P6KE47CA-E3	DO-204AC	44.70	49.40	1	40.20	9.3	64.8		
625—P6KE51A-E3	625—P6KE51CA-E3	DO-204AC	48.50	53.60	1	43.60	8.6	70.1		
625—P6KE68A-E3	625—P6KE68CA-E3	DO-204AC	64.60	71.40	1	58.10	6.5	92.0		
625—P6KE100A-E3	625—P6KE100CA-E3	DO-204AC	95.00	105.00	1	85.50	4.4	137.0		
625—P6KE150A-E3	625—P6KE150CA-E3	DO-204AC	143.00	158.00	1	128.00	2.9	207.0		
625—P6KE200A-E3	625—P6KE200CA-E3	DO-204AC	190.00	210.00	1	171.00	2.2	274.0		
625—P6KE220A-E3	625—P6KE220CA-E3	DO-204AC	209.00	231.00	1	185.00	1.8	328.0		

## VISHAY 1.5KE SERIES 1500 WATT

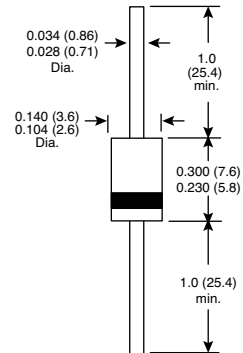


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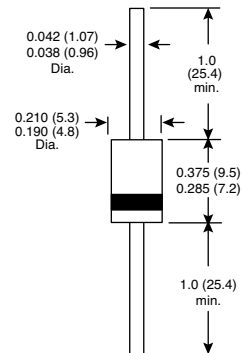
MOUSER STOCK NO.				Package	VBR @ It			VRWM (V)	IRSM (A) Max.	VSRM (V) Max.
Unidirectional		Bidirectional			(V) Min.	(V) Max.	(mA)			
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.							
<b>Thru-Hole</b>										
625—1.5KE6.8A-E3	625—1.5KE6.8CA-E3	GP-20	6.45	7.14	10	5.80	143.0	10.5		
625—1.5KE7.5A-E3	625—1.5KE7.5CA-E3	GP-20	7.13	7.88	10	6.40	133.0	11.3		
625—1.5KE8.2A-E3	625—1.5KE8.2CA-E3	GP-20	7.79	8.61	10	7.02	124.0	12.1		
625—1.5KE9.1A-E3	625—1.5KE9.1CA-E3	GP-20	8.65	9.55	1	7.78	112.0	13.4		
625—1.5KE10A-E3	625—1.5KE10CA-E3	GP-20	9.50	10.50	1	8.55	103.0	14.5		
625—1.5KE12A-E3	625—1.5KE12CA-E3	GP-20	11.40	12.60	1	10.20	89.9	16.7		
625—1.5KE13A-E3	625—1.5KE13CA-E3	GP-20	12.40	13.70	1	11.10	82.4	18.2		
625—1.5KE15A-E3	625—1.5KE15CA-E3	GP-20	14.30	15.80	1	12.80	70.8	21.2		
625—1.5KE16A-E3	625—1.5KE16CA-E3	GP-20	15.20	16.80	1	13.60	66.7	22.5		
625—1.5KE18A-E3	625—1.5KE18CA-E3	GP-20	17.10	18.90	1	15.30	59.5	26.2		
625—1.5KE20A-E3	625—1.5KE20CA-E3	GP-20	19.00	21.00	1	17.10	54.2	27.7		
625—1.5KE22A-E3	625—1.5KE22CA-E3	GP-20	20.90	23.10	1	18.80	49.0	30.6		
625—1.5KE24A-E3	625—1.5KE24CA-E3	GP-20	22.80	25.20	1	20.50	45.2	33.2		
625—1.5KE27A-E3	625—1.5KE27CA-E3	GP-20	25.70	28.40	1	23.10	40.0	37.5		
625—1.5KE30A-E3	625—1.5KE30CA-E3	GP-20	28.50	31.50	1	25.60	36.2	41.4		
625—1.5KE33A-E3	625—1.5KE33CA-E3	GP-20	31.40	34.70	1	28.20	32.8	45.7		
625—1.5KE36A-E3	625—1.5KE36CA-E3	GP-20	34.20	37.80	1	30.80	30.1	49.9		
625—1.5KE39A-E3	625—1.5KE39CA-E3	GP-20	37.10	41.00	1	33.30	27.8	53.9		
625—1.5KE43A-E3	625—1.5KE43CA-E3	GP-20	40.90	45.20	1	36.80	25.3	59.3		
625—1.5KE51A-E3	625—1.5KE51CA-E3	GP-20	48.50	53.60	1	43.60	21.4	70.1		
625—1.5KE62A-E3	625—1.5KE62CA-E3	GP-20	58.90	65.10	1	53.00	17.6	85.0		
625—1.5KE68A-E3	625—1.5KE68CA-E3	GP-20	64.60	71.40	1	58.10	16.3	92.0		
625—1.5KE100A-E3	625—1.5KE100CA-E3	GP-20	95.00	105.00	1	85.50	10.9	137.0		
625—1.5KE120A-E3	625—1.5KE120CA-E3	GP-20	114.00	126.00	1	102.00	9.1	165.0		
625—1.5KE150A-E3	625—1.5KE150CA-E3	GP-20	143.00	158.00	1	128.00	7.2	207.0		
625—1.5KE180A-E3	625—1.5KE180CA-E3	GP-20	171.00	189.00	1	154.00	6.1	246.0		
625—1.5KE200A-E3	625—1.5KE200CA-E3	GP-20	190.00	210.00	1	171.00	5.5	274.0		
625—1.5KE220A-E3	625—1.5KE220CA-E3	GP-20	209.00	231.00	1	185.00	4.6	328.0		
625—1.5KE300A-E3	625—1.5KE300CA-E3	GP-20	285.00	315.00	1	256.00	3.6	414.0		

Series	Type	Voltage Range	Price Each			
			1	100	500	1000
SAC	Unidirectional	12 - 50				
P6KE	Unidirectional	6.8 - 9.1				
P6KE	Bidirectional	6.8 - 9.1				
P6KE	Unidirectional	10 - 22				
P6KE	Bidirectional	10 - 22				
P6KE	Unidirectional	24 - 220				
P6KE	Bidirectional	24 - 220				
1.5KE	Unidirectional	6.8 - 9.1				
1.5KE	Bidirectional	6.8 - 9.1				
1.5KE	Unidirectional	10 - 22				
1.5KE	Bidirectional	10 - 22				
1.5KE	Unidirectional	24 - 220				
1.5KE	Bidirectional	24 - 220				
1.5KE	Unidirectional	300				
1.5KE	Bidirectional	300				

### DIMENSIONS: in. (mm)



### DO-204AC (DO-15)



1.5KE (GP-20)