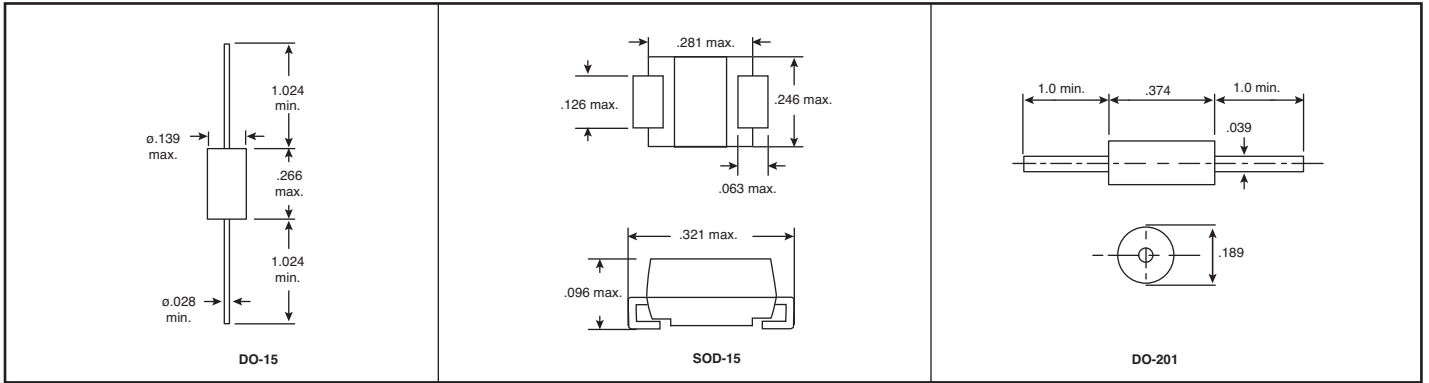


# STMicroelectronics Surge Protection Devices



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



## TRANSIENT VOLTAGE SUPPRESSORS

DIMENSIONS: in.

### P6KE Series 600 Watt

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.				Package	VBR @ It			VRWM (V)	IRSM Max. (A)	VRSM Max. (V)	Price Each			
Unidirectional		Bidirectional			Min. (V)	Max. (V)	(mA)				1	10	100	250
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.											
511	P6KE6V8A	511	P6KE6V8CA	DO-15	6.45	7.14	10	5.80	57.00	10.5	.37	.26	.22	.18
511	P6KE12A	511	P6KE12CA	DO-15	11.40	12.60	1	10.20	36.00	16.7	.37	.26	.22	.18
511	P6KE18A	511	P6KE18CA	DO-15	17.10	18.90	1	15.30	24.00	25.2	.37	.26	.22	.18
511	P6KE24A	-----	-----	DO-15	22.80	25.20	1	20.50	18.00	33.2	.37	.26	.22	.18
511	P6KE27A	511	P6KE27CA	DO-15	25.70	28.40	1	23.10	16.00	37.5	.37	.26	.22	.18
511	P6KE30A	511	P6KE30CA	DO-15	28.50	31.50	1	25.60	14.50	41.5	.37	.26	.22	.18
511	P6KE33A	511	P6KE33CA	DO-15	31.40	34.70	1	28.20	13.10	45.7	.39	.28	.24	.20
511	P6KE36A	511	P6KE36CA	DO-15	34.20	37.80	1	30.80	12.00	49.9	.37	.26	.22	.18
511	P6KE39A	511	P6KE39CA	DO-15	37.10	41.00	1	33.30	11.10	53.9	.37	.26	.22	.18
511	P6KE150A	511	P6KE150CA	DO-15	143.00	158.00	1	128.00	2.90	10.8	.37	.26	.22	.19

### SM15T Series 1500 Watt

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.				Package	VBR @ It			VRWM (V)	IRSM Max. (A)	VRSM Max. (V)	Price Each			
Unidirectional		Bidirectional			Min. (V)	Max. (V)	(mA)				1	10	100	250
Mfr.	Mfr. Part No.	Mfr.	Mfr. Part No.											
511	SM15T6V8A	511	SM15T6V8CA	SOD-15	6.45	7.14	10	5.80	143.00	10.5	.86	.68	.58	.52
511	SM15T7V5A	-----	-----	SOD-15	7.13	7.88	10	6.40	132.00	11.3	.74	.63	.57	.50
511	SM15T10A	511	SM15T10CA	SOD-15	9.50	10.50	1	8.55	103.00	14.5	.86	.68	.58	.52
511	SM15T12A	511	SM15T12CA	SOD-15	11.40	12.60	1	10.20	90.00	16.7	.86	.665	.57	.532
511	SM15T15A	511	SM15T15CA	SOD-15	14.30	15.80	1	12.80	71.00	21.2	.90	.70	.54	.46
511	SM15T18A	511	SM15T18CA	SOD-15	17.10	18.90	1	15.30	59.50	25.2	.86	.665	.57	.532
511	SM15T24A	511	SM15T24CA	SOD-15	22.80	25.20	1	20.50	45.00	33.2	.86	.665	.57	.532
511	SM15T33A	511	SM15T33CA	SOD-15	31.40	34.70	1	28.20	33.00	45.7	.86	.665	.57	.532
511	SM15T39A	511	SM15T39CA	SOD-15	37.10	41.00	1	33.30	28.00	53.9	.86	.63	.569	.473
511	SM15T68A	511	SM15T68CA	SOD-15	64.60	71.40	1	58.10	16.30	92.0	.86	.665	.57	.532
511	SM15T100A	511	SM15T100CA	SOD-15	95.00	105.00	1	85.50	11.00	137.0	.74	.63	.57	.50
511	SM15T200A	511	SM15T200CA	SOD-15	190.00	210.00	1	171.00	5.50	274.0	.59	.58	.54	.495
511	SM15T220A	511	SM15T220CA	SOD-15	209.00	231.00	1	188.00	4.60	328.0	.86	.665	.57	.531

### 1.5KE Series 1500 Watt

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.				Package	VBR @ It			VRWM (V)	IRSM Max. (A)	VRSM 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	1.5KE6V8A	511	1.5KE6V8CA	DO-201	6.45	7.14	10	5.80	143.00	10.5	.72	.55	.482	.389	.56	.45	.38	.32
511	1.5KE12A	511	1.5KE12CA	DO-201	11.40	12.60	1	10.20	90.00	16.7	.54	.43	.36	.31	.56	.45	.38	.32
511	1.5KE15A	511	1.5KE15CA	DO-201	14.30	15.80	1	12.80	71.00	21.2	.54	.43	.36	.31	.54	.43	.36	.31
511	1.5KE18A	-----	-----	DO-201	17.10	18.90	1	15.30	59.50	25.2	.54	.43	.36	.31	-	-	-	-
511	1.5KE22A	-----	-----	DO-201	20.90	23.10	1	18.80	49.00	30.60	.54	.43	.36	.31	-	-	-	-
511	1.5KE24A	511	1.5KE24CA	DO-201	22.80	25.20	1	20.50	45.00	33.2	.54	.43	.36	.31	.72	.58	.50	.424
511	1.5KE30A	511	1.5KE30CA	DO-201	28.50	31.50	1	25.60	36.00	41.5	.54	.43	.36	.31	.56	.45	.38	.32
511	1.5KE33A	511	1.5KE33CA	DO-201	31.40	34.70	1	28.20	33.00	45.7	.68	.55	.45	.365	.69	.52	.497	.403
511	1.5KE36A	511	1.5KE36CA	DO-201	34.20	37.80	1	30.80	30.00	49.9	.54	.43	.36	.31	.50	.39	.33	.28
511	1.5KE39A	511	1.5KE39CA	DO-201	37.10	41.00	1	33.30	28.00	53.9	.68	.55	.45	.365	.56	.45	.38	.32
511	1.5KE47A	511	1.5KE47CA	DO-201	44.70	49.40	1	40.20	23.20	64.8	.54	.43	.36	.31	.72	.56	.475	.377
511	1.5KE62A	511	1.5KE62CA	DO-201	58.90	65.10	1	53.00	17.70	85.0	-	-	-	-	.56	.45	.38	.32
511	1.5KE68A	511	1.5KE68CA	DO-201	64.60	71.40	1	58.10	16.30	92.0	.54	.43	.36	.31	.56	.45	.38	.32
511	1.5KE100A	511	1.5KE100CA	DO-201	95.00	105.00	1	85.50	11.00	137.0	.54	.43	.36	.31	.56	.45	.38	.32
511	1.5KE120A	511	1.5KE120CA	DO-201	114.00	126.00	1	102.00	9.10	165.0	-	-	-	-	.56	.45	.38	.32
511	1.5KE150A	511	1.5KE150CA	DO-201	143.00	158.00	1	128.00	7.20	207.0	.54	.43	.36	.31	.56	.45	.38	.32
511	1.5KE180A	511	1.5KE180CA	DO-201	171.00	189.00	1	154.00	6.10	246.0	.54	.43	.36	.31	.56	.45	.38	.33
511	1.5KE200A	511	1.5KE200CA	DO-201	190.00	210.00	1	171.00	5.50	274.0	.68	.55	.425	.365	.56	.45	.38	.32
511	1.5KE220A	511	1.5KE220CA	DO-201	209.00	231.00	1	188.00	4.60	328.0	.54	.43	.36	.31	.72	.58	.475	.377
511	1.5KE300A	511	1.5KE300CA	DO-201	285.00	315.00	1	256.00	5.00	414.0	.54	.43	.36	.31	.72	.58	.475	.377
511	1.5KE400A	511	1.5KE400CA	DO-201	380.00	420.00	1	342.00	4.00	548.0	.54	.43	.36	.31	.82	.62	.549	.507