

LITTELFUSE TVS (Silicon Avalanche) Diodes



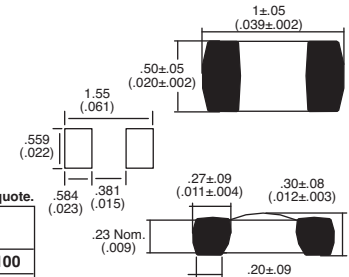
RoHS Compliant This product is RoHS compliant.

LITTELFUSE PGB2 SERIES PULSEGUARD SUPPRESSOR

- Features:**
- Halogen free
 - Ultra-low Capacitance
 - Low leak current
 - Withstands multiple EDS strikes
 - Lead free
 - ROHS compliant



RoHS Compliant



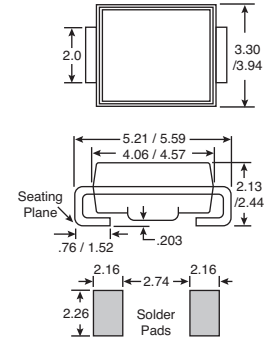
For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Littelfuse Part No.	Package/Case	ESD Capability	Clamping Voltage	Reverse Standoff Voltage (Typ)	Lines Protected	Price Each		
							1	10	100
576-PGB2010402KRHF	PGB2010402KRHF	0402	8kV-15kV	40V	12V	1	.67	.64	.61

LITTELFUSE 1KSMBJ SERIES

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Littelfuse Part No.	Device Code	Reverse Standoff (V _R)	Breakdown Voltage VBR (Volts) @ IT		Max. Reverse Leakage IR @ VR	Max. Clamping Voltage VC @ IPP	Max. Peak Pulse Current	Price Each				
				Min.	Max.				(mA)	1	25	100	250
576-1KSMBJ15	1KSMBJ15	N10Q	12.1	13.5	16.5	1	5	22	45	.42	.36	.34	.32
576-1KSMBJ16	1KSMBJ16	N10S	12.9	14.4	17.6	1	5	23.5	43.3	.42	.36	.32	.30
576-1KSMBJ16A	1KSMBJ16A	N10T	13.6	15.2	16.8	1	5	22.5	45	.42	.36	.33	.31
576-1KSMBJ18	1KSMBJ18	N10U	14.5	16.2	19.8	1	5	26.5	38	.42	.36	.32	.30
576-1KSMBJ22	1KSMBJ22	N10Y	17.8	19.8	24.2	1	5	31.9	31.7	.37	.36	.34	.32
576-1KSMBJ24	1KSMBJ24	O10A	19.4	21.6	26.4	1	5	34.7	28.3	.34	.32	.31	.29
576-1KSMBJ27	1KSMBJ27	O10C	21.8	24.3	29.7	1	5	39.1	25.5	.42	.36	.32	.30
576-1KSMBJ30	1KSMBJ30	O10E	24.3	27	33	1	5	43.5	22.9	.42	.36	.32	.30
576-1KSMBJ33A	1KSMBJ33A	O10G	26.8	29.7	36.3	1	5	47.7	21	.34	.32	.31	.29
576-1KSMBJ36	1KSMBJ36	O10I	29.1	32.4	39.6	1	5	52	19.2	.42	.36	.32	.30
576-1KSMBJ47	1KSMBJ47	O10O	38.1	42.3	51.7	1	5	67.8	14.8	.32	.31	.29	.28
576-1KSMBJ51	1KSMBJ51	O10Q	41.3	45.9	56.1	1	5	73.5	13.7	.42	.36	.32	.30
576-1KSMBJ56	1KSMBJ56	O10S	45.4	50.4	61.6	1	5	80.5	12.3	.42	.36	.32	.30
576-1KSMBJ62	1KSMBJ62	O10U	50.2	55.8	68.2	1	5	89	11.3	.42	.36	.32	.30
576-1KSMBJ68	1KSMBJ68	O10W	55.1	61.2	74.8	1	5	98	10.2	.42	.36	.32	.30
576-1KSMBJ160A	1KSMBJ160A	P10P	136	152	168	1	5	219	4.6	.34	.32	.31	.29

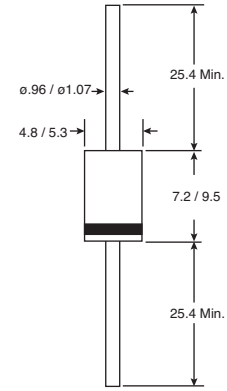


DIMENSIONS: mm

LITTELFUSE LCE SERIES

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Littelfuse Part No.	Reverse Standoff (V _R)	Breakdown Voltage VBR (Volts) @ IT		Max. Reverse Leakage IR @ VR	Max. Clamping Voltage VC @ IPP	Max. Peak Pulse Current	Capacitance @ 0 Volts (pF)	Price Each				
			Min.	Max.					(mA)	1	10	100	250
576-LCE6.5A	LCE6.5A	6.5	7.22	7.98	10	1000	11.2	100	.38	.36	.34	.32	
576-LCE7.0A	LCE7.0A	7	7.78	8.6	10	500	12	100	.38	.36	.34	.32	
576-LCE7.5A	LCE7.5A	7.5	8.33	9.21	10	250	12.9	100	.38	.36	.34	.32	
576-LCE8.0A	LCE8.0A	8	8.89	9.83	1	100	13.6	100	.38	.36	.34	.32	
576-LCE8.5A	LCE8.5A	8.5	9.44	10.4	1	50	14.4	100	.38	.36	.34	.32	
576-LCE9.0A	LCE9.0A	9	10	11.1	1	10	15.4	97	100	.38	.36	.34	.32
576-LCE10A	LCE10A	10	11.1	12.3	1	5	17	88	100	.38	.36	.34	.32
576-LCE11A	LCE11A	11	12.2	13.5	1	5	18.2	82	100	.38	.36	.34	.32
576-LCE12A	LCE12A	12	13.3	14.7	1	5	19.9	75	100	.38	.36	.34	.32
576-LCE13A	LCE13A	13	14.4	15.9	1	5	21.5	70	100	.38	.36	.34	.32
576-LCE14A	LCE14A	14	15.6	17.2	1	5	23.2	65	100	.38	.36	.34	.32
576-LCE15A	LCE15A	15	16.7	18.5	1	5	24.4	61	100	.38	.36	.34	.32
576-LCE16A	LCE16A	16	17.8	19.7	1	5	26	57	100	.38	.36	.34	.32
576-LCE17A	LCE17A	17	18.6	20.9	1	5	27.6	54	100	.38	.36	.34	.32
576-LCE18A	LCE18A	18	20	22.1	1	5	29.2	51	100	.38	.36	.34	.32
576-LCE20A	LCE20A	20	22.2	24.5	1	5	32.4	46	100	.38	.36	.34	.32
576-LCE22A	LCE22A	22	24.4	26.9	1	5	35.5	42	100	.38	.36	.34	.32
576-LCE24A	LCE24A	24	26.7	29.5	1	5	38.9	39	100	.38	.36	.34	.32
576-LCE26A	LCE26A	26	28.9	31.9	1	5	42.1	36	100	.38	.36	.34	.32
576-LCE28A	LCE28A	28	31.1	34.4	1	5	45.5	33	100	.38	.36	.34	.32

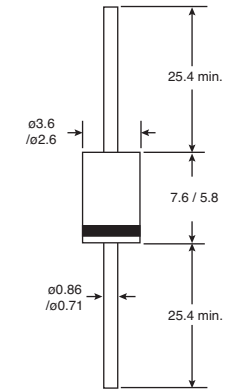


DIMENSIONS: mm

LITTELFUSE P6KE SERIES

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Littelfuse Part No.	Reverse Standoff (V _R)	Breakdown Voltage VBR (Volts) @ IT		Max. Reverse Leakage IR @ VR	Max. Clamping Voltage VC @ IPP	Max. Peak Pulse Current	Max. Voltage Temperature	Price Each				
			Min.	Max.					(mA)	1	10	100	250
576-P6KE7.5	P6KE7.5	6.05	6.75	8.25	10	500	11.7	51	0.061	.17	.165	.16	.15
576-P6KE8.2	P6KE8.2	6.63	7.38	9.02	10	200	12.5	48	0.065	.17	.165	.16	.15
576-P6KE9.1	P6KE9.1	7.37	8.19	10	1	50	13.8	44	0.068	.17	.165	.16	.15
576-P6KE10	P6KE10	8.1	9	11	1	10	15	40	0.073	.17	.165	.16	.15
576-P6KE11	P6KE11	8.92	9.9	12.1	1	5	16.2	37	0.075	.17	.165	.16	.15
576-P6KE12	P6KE12	9.72	10.8	13.2	1	5	17.3	35	0.078	.17	.165	.16	.15
576-P6KE13	P6KE13	10.5	11.7	14.3	1	5	19	32	0.081	.17	.165	.16	.15
576-P6KE16	P6KE16	12.9	14.4	17.6	1	5	23.5	26	0.086	.17	.165	.16	.15
576-P6KE18	P6KE18	14.5	16.2	19.8	1	5	26.5	23	0.088	.17	.165	.16	.15
576-P6KE22	P6KE22	17.8	19.8	24.2	1	5	31.9	19	0.092	.17	.165	.16	.15
576-P6KE24	P6KE24	19.4	21.6	26.4	1	5	34.7	17	0.094	.17	.165	.16	.15
576-P6KE30	P6KE30	24.3	27	33	1	5	43.5	14	0.097	.17	.165	.16	.15
576-P6KE30A	P6KE30A	25.6	28.5	31.5	1	5	41.4	14.4	0.097	.18	.17	.16	.15
576-P6KE33	P6KE33	26.8	29.7	36.3	1	5	47.7	12.6	0.098	.17	.165	.16	.15
576-P6KE36	P6KE36	29.1	32.4	39.6	1	5	52	11.6	0.099	.17	.165	.16	.15
576-P6KE39	P6KE39	31.6	35.1	42.9	1	5	56.4	10.5	0.1	.17	.165	.16	.15
576-P6KE43	P6KE43	34.8	38.7	47.3	1	5	61.9	9.6	0.101	.17	.165	.16	.15
576-P6KE47	P6KE47	38.1	42.3	51.7	1	5	67.8	8.9	0.101	.17	.165	.16	.15
576-P6KE51	P6KE51	41.3	45.9	56.1	1	5	73.5	8.2	0.102	.17	.165	.16	.15
576-P6KE56	P6KE56	45.4	50.4	61.6	1	5	80.5	7.4	0.103	.17	.165	.16	.15
576-P6KE62	P6KE62	50.2	55.8	68.2	1	5	89	6.8	0.104	.17	.165	.16	.15
576-P6KE68	P6KE68	55.1	61.2	74.8	1	5	98	6.1	0.104	.17	.165	.16	.15
576-P6KE75	P6KE75	60.7	67.5	82.5	1	5	108	5.5	0.105	.17	.165	.16	.15
576-P6KE82	P6KE82	66.4	73.8	90.2	1	5	118	5.1	0.105	.17	.165	.16	.15
576-P6KE91	P6KE91	73.7	81.9	100	1	5	131	4.5	0.106	.17	.165	.16	.15
576-P6KE110	P6KE110	89.2	99	121	1	5	158	3.8	0.107	.17	.165	.16	.15



DIMENSIONS: mm