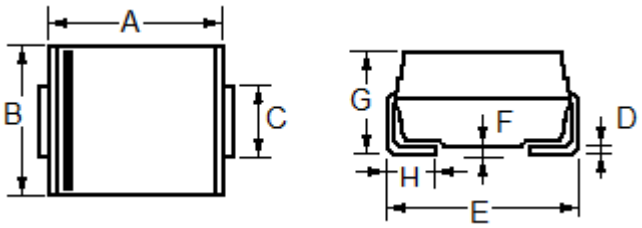
Leiditech

低电容瞬态拟制二极管 Low Capacitance Surface mount TVS

SLCB6.5 --- SLCB170A

- 600 Watt Peak Power
- Dimension



SMB (DO-214AA)

Dim	Millimeters		Inches	
	Min	Max	Min	Max
A	4.06	4.57	0.160	0.180
B	3.30	3.94	0.130	0.155
C	1.95	2.20	0.077	0.086
D	0.125	0.305	0.006	0.012
E	5.21	5.59	0.205	0.220
F	----	0.203	----	0.008
G	2.13	2.44	0.084	0.096
H	0.76	1.52	0.030	0.060

- Specification

Type Number	Reverse Stand-Off Voltage	Breakdown Voltage Min. @I_T	Breakdown Voltage Max. @ I_T	Test Current	Maximum Clamping Voltage @I_{PP}	Peak Pulse Current	Reverse Leakage @V_{RMW}	Working Inverse Blocking Voltage	Maximum Junction Capacitance @ 0 Volts
	V_{RMW}(V)	$V_{BR\ MIN}$(V)	$V_{BR\ MAX}$(V)	I_T (mA)	V_C(V)	I_{PP}(A)	I_R(uA)	V_{WIB}(V)	C_J(pF)
SLCB6.5	6.5	7.22	9.14	10	12.3	48.8	1000.0	75	50
SLCB6.5A	6.5	7.22	8.30	10	11.2	53.6	1000.0	75	50
SLCB7.0	7.0	7.78	9.86	10	13.3	45.1	500.0	75	50
SLCB7.0A	7.0	7.78	8.95	10	12.0	50.0	500.0	75	50
SLCB7.5	7.5	8.33	10.67	1.0	14.3	42.0	250.0	75	50
SLCB7.5A	7.5	8.33	9.58	1.0	12.9	46.5	250.0	75	50
SLCB8.0	8.0	8.89	11.3	1.0	15.0	40.0	100.0	75	50
SLCB8.0A	8.0	8.89	10.23	1.0	13.6	44.1	100.0	75	50
SLCB8.5	8.5	9.44	11.92	1.0	15.9	37.7	50.0	75	50
SLCB8.5A	8.5	9.44	10.82	1.0	14.4	41.7	50.0	75	50
SLCB9.0	9.0	10.0	12.6	1.0	16.9	35.5	10.0	75	50
SLCB9.0A	9.0	10.0	11.5	1.0	15.4	39.0	10.0	75	50
SLCB10	10	11.1	14.1	1.0	18.8	31.9	5.0	75	50
SLCB10A	10	11.1	12.8	1.0	17.0	35.3	5.0	75	50
SLCB11	11	12.2	15.4	1.0	20.1	29.9	5.0	75	50
SLCB11A	11	12.2	14.0	1.0	18.2	33.0	5.0	75	50
SLCB12	12	13.3	16.9	1.0	22.0	27.3	5.0	75	50
SLCB12A	12	13.3	15.3	1.0	19.9	30.2	5.0	75	50
SLCB13	13	14.4	18.2	1.0	23.8	25.2	5.0	75	50
SLCB13A	13	14.4	16.5	1.0	21.5	27.9	5.0	75	50
SLCB14	14	15.6	19.8	1.0	25.8	23.3	5.0	75	50
SLCB14A	14	15.6	17.9	1.0	23.2	25.9	5.0	75	50
SLCB15	15	16.7	21.1	1.0	26.9	22.3	5.0	75	50
SLCB15A	15	16.7	19.2	1.0	24.4	24.6	5.0	75	50

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SLCB6.5 --- SLCB170A

Type Number	Reverse Stand-Off Voltage	Breakdown Voltage Min. @I_T	Breakdown Voltage Max. @ I_T	Test Current	Maximum Clamping Voltage @I_{PP}	Peak Pulse Current	Reverse Leakage @V_{RMW}	Working Inverse Blocking Voltage	Maximum Junction Capacitance @ 0 Volts
	V_{RMW}(V)	$V_{BR\ MIN}$(V)	$V_{BR\ MAX}$(V)	I_T (mA)	V_C(V)	I_{PP}(A)	I_R(uA)	V_{WIB}(V)	CB_J(pF)
SLCB16	16	17.8	22.6	1.0	28.8	20.8	5.0	75	50
SLCB16A	16	17.8	20.5	1.0	26.0	23.1	5.0	75	50
SLCB17	17	18.9	23.9	1.0	30.5	19.7	5.0	75	50
SLCB17A	17	18.9	21.7	1.0	27.6	21.7	5.0	75	50
SLCB18	18	20.0	25.3	1.0	32.2	18.6	5.0	75	50
SLCB18A	18	20.0	23.3	1.0	29.2	20.5	5.0	75	50
SLCB20	20	22.2	28.1	1.0	35.8	16.8	5.0	75	50
SLCB20A	20	22.2	25.5	1.0	32.4	18.5	5.0	75	50
SLCB22	22	24.4	30.9	1.0	39.4	15.2	5.0	75	50
SLCB22A	22	24.4	28.0	1.0	35.5	16.9	5.0	75	50
SLCB24	24	26.7	33.8	1.0	43.0	14.0	5.0	75	50
SLCB24A	24	26.7	30.7	1.0	38.9	15.4	5.0	75	50
SLCB26	26	28.9	36.6	1.0	46.6	12.9	5.0	75	50
SLCB26A	26	28.9	33.2	1.0	42.1	14.3	5.0	75	50
SLCB28	28	31.1	39.4	1.0	50.0	12.0	5.0	75	50
SLCB28A	28	31.1	35.8	1.0	45.4	13.2	5.0	75	50
SLCB30	30	33.3	42.2	1.0	53.5	11.2	5.0	75	50
SLCB30A	30	33.3	38.3	1.0	48.4	12.4	5.0	75	50
SLCB33	33	36.7	46.5	1.0	59.0	10.2	5.0	75	50
SLCB33A	33	36.7	42.2	1.0	53.3	11.3	5.0	75	50
SLCB36	36	40.0	50.7	1.0	64.3	9.3	5.0	75	50
SLCB36A	36	40.0	46.0	1.0	58.1	10.3	5.0	75	50
SLCB40	40	44.4	56.3	1.0	71.4	8.4	5.0	75	50
SLCB40A	40	44.4	51.1	1.0	64.5	9.3	5.0	75	50
SLCB43	43	47.8	60.5	1.0	76.7	7.8	5.0	75	50
SLCB43A	43	47.8	54.9	1.0	69.4	8.6	5.0	75	50
SLCB45	45	50.0	63.3	1.0	80.3	7.5	5.0	75	50
SLCB45A	45	50.0	57.5	1.0	72.7	8.3	5.0	75	50
SLCB48	48	53.3	67.5	1.0	85.5	7.0	5.0	75	50
SLCB48A	48	53.3	61.3	1.0	77.4	7.8	5.0	75	50
SLCB51	51	56.7	71.8	1.0	91.1	6.6	5.0	75	50
SLCB51A	51	56.7	65.2	1.0	82.4	7.3	5.0	75	50
SLCB54	54	60.0	76.0	1.0	96.3	6.2	5.0	75	50
SLCB54A	54	60.0	69.0	1.0	87.1	6.9	5.0	75	50
SLCB58	58	64.4	81.6	1.0	103	5.8	5.0	75	50
SLCB58A	58	64.4	74.1	1.0	93.6	6.4	5.0	75	50

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SLCB6.5 --- SLCB170A

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	V_{RMW}(V)	$V_{BR\ MIN}$(V)	$V_{BR\ MAX}$(V)	I_T (mA)	V_C(V)	I_{PP}(A)	I_R(uA)	V_{WIB}(V)	C_J(pF)
SLCB60	60	66.7	84.5	1.0	107	5.6	5.0	75	50
SLCB60A	60	66.7	76.7	1.0	96.8	6.2	5.0	75	50
SLCB64	64	71.1	90.1	1.0	114	5.3	5.0	75	50
SLCB64A	64	71.1	81.8	1.0	103	5.8	5.0	75	50
SLCB70	70	77.8	98.6	1.0	125	4.8	5.0	75	50
SLCB70A	70	77.8	89.5	1.0	113	5.3	5.0	75	50
SLCB75	75	83.0	105.7	1.0	134	4.5	5.0	75	50
SLCB75A	75	83.0	95.8	1.0	121	5.0	5.0	75	50
SLCB78	78	86.0	109.8	1.0	139	4.3	5.0	75	50
SLCB78A	78	86.0	99.7	1.0	126	4.8	5.0	75	50
SLCB85	85	94.0	119.2	1.0	151	4.0	5.0	75	50
SLCB85A	85	94.0	108.2	1.0	137	4.4	5.0	75	50
SLCB90	90	100	126.5	1.0	160	3.8	5.0	75	50
SLCB90A	90	100	115.5	1.0	146	4.1	5.0	75	50
SLCB100	100	111	141.0	1.0	179	3.4	5.0	75	50
SLCB100A	100	111	128.0	1.0	162	3.7	5.0	75	50
SLCB110	110	122	154.5	1.0	196	3.1	5.0	75	50
SLCB110A	110	122	140.5	1.0	177	3.4	5.0	75	50
SLCB120	120	133	169.0	1.0	214	2.8	5.0	75	50
SLCB120A	120	133	153.0	1.0	193	3.1	5.0	75	50
SLCB130	130	144	182.5	1.0	231	2.6	5.0	75	50
SLCB130A	130	144	165.5	1.0	209	2.9	5.0	75	50
SLCB150	150	167	211.5	1.0	268	2.2	5.0	75	50
SLCB150A	150	167	192.5	1.0	243	2.5	5.0	75	50
SLCB160	160	178	226.0	1.0	287	2.1	5.0	75	50
SLCB160A	160	178	205.0	1.0	259	2.3	5.0	75	50
SLCB170	170	189	239.5	1.0	304	2.0	5.0	75	50
SLCB170A	170	189	217.5	1.0	275	2.2	5.0	75	50

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