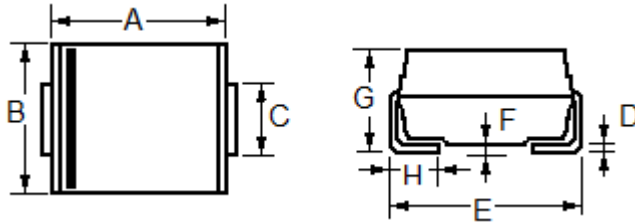




低电容瞬态抑制二极管 Low Capacitance Surface mount TVS

SLCD6.5 --- SLCD170A

- 1500 Watt Peak Power
- Dimension



SMC (DO-214AB)

Dim	Millimeters		Inches	
	Min	Max	Min	Max
A	6.60	7.11	0.260	0.280
B	5.59	6.22	0.220	0.245
C	2.90	3.20	0.114	0.126
D	0.125	0.305	0.006	0.012
E	7.75	8.13	0.305	0.320
F	----	0.203	----	0.008
G	2.06	2.62	0.079	0.103
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)
SLCD6.5	6.5	7.22	9.14	10	12.3	100.0	1000.0	75	100
SLCD6.5A	6.5	7.22	8.30	10	11.2	100.0	1000.0	75	100
SLCD7.0	7.0	7.78	9.86	10	13.3	100.0	500.0	75	100
SLCD7.0A	7.0	7.78	8.95	10	12.0	100.0	500.0	75	100
SLCD7.5	7.5	8.33	10.67	1.0	14.3	100.0	250.0	75	100
SLCD7.5A	7.5	8.33	9.58	1.0	12.9	100.0	250.0	75	100
SLCD8.0	8.0	8.89	11.3	1.0	15.0	100.0	100.0	75	100
SLCD8.0A	8.0	8.89	10.23	1.0	13.6	100.0	100.0	75	100
SLCD8.5	8.5	9.44	11.92	1.0	15.9	94.3	50.0	75	100
SLCD8.5A	8.5	9.44	10.82	1.0	14.4	100.0	50.0	75	100
SLCD9.0	9.0	10.0	12.6	1.0	16.9	88.8	10.0	75	100
SLCD9.0A	9.0	10.0	11.5	1.0	15.4	97.4	10.0	75	100
SLCD10	10	11.1	14.1	1.0	18.8	79.8	5.0	75	100
SLCD10A	10	11.1	12.8	1.0	17.0	88.2	5.0	75	100
SLCD11	11	12.2	15.4	1.0	20.1	74.6	5.0	75	100
SLCD11A	11	12.2	14.0	1.0	18.2	82.4	5.0	75	100
SLCD12	12	13.3	16.9	1.0	22.0	68.2	5.0	75	100
SLCD12A	12	13.3	15.3	1.0	19.9	75.4	5.0	75	100
SLCD13	13	14.4	18.2	1.0	23.8	63.0	5.0	75	100
SLCD13A	13	14.4	16.5	1.0	21.5	69.8	5.0	75	100
SLCD14	14	15.6	19.8	1.0	25.8	58.1	5.0	75	100
SLCD14A	14	15.6	17.9	1.0	23.2	64.7	5.0	75	100
SLCD15	15	16.7	21.1	1.0	26.9	55.8	5.0	75	100
SLCD15A	15	16.7	19.2	1.0	24.4	61.5	5.0	75	100



低电容瞬态抑制二极管 Low Capacitance Surface mount TVS

SLCD6.5 --- SLCD170A

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)
SLCD16	16	17.8	22.6	1.0	28.8	52.1	5.0	75	100
SLCD16A	16	17.8	20.5	1.0	26.0	57.7	5.0	75	100
SLCD17	17	18.9	23.9	1.0	30.5	49.2	5.0	75	100
SLCD17A	17	18.9	21.7	1.0	27.6	54.3	5.0	75	100
SLCD18	18	20.0	25.3	1.0	32.2	46.6	5.0	75	100
SLCD18A	18	20.0	23.3	1.0	29.2	51.4	5.0	75	100
SLCD20	20	22.2	28.1	1.0	35.8	41.9	5.0	75	100
SLCD20A	20	22.2	25.5	1.0	32.4	46.3	5.0	75	100
SLCD22	22	24.4	30.9	1.0	39.4	38.1	5.0	75	100
SLCD22A	22	24.4	28.0	1.0	35.5	42.3	5.0	75	100
SLCD24	24	26.7	33.8	1.0	43.0	34.9	5.0	75	100
SLCD24A	24	26.7	30.7	1.0	38.9	38.6	5.0	75	100
SLCD26	26	28.9	36.6	1.0	46.6	32.2	5.0	75	100
SLCD26A	26	28.9	33.2	1.0	42.1	35.6	5.0	75	100
SLCD28	28	31.1	39.4	1.0	50.0	30.0	5.0	75	100
SLCD28A	28	31.1	35.8	1.0	45.4	33.0	5.0	75	100
SLCD30	30	33.3	42.2	1.0	53.5	28.0	5.0	75	100
SLCD30A	30	33.3	38.3	1.0	48.4	31.0	5.0	75	100
SLCD33	33	36.7	46.5	1.0	59.0	25.4	5.0	75	100
SLCD33A	33	36.7	42.2	1.0	53.3	28.1	5.0	75	100
SLCD36	36	40.0	50.7	1.0	64.3	23.3	5.0	75	100
SLCD36A	36	40.0	46.0	1.0	58.1	25.8	5.0	75	100
SLCD40	40	44.4	56.3	1.0	71.4	21.0	5.0	75	100
SLCD40A	40	44.4	51.1	1.0	64.5	23.3	5.0	75	100
SLCD43	43	47.8	60.5	1.0	76.7	19.6	5.0	75	100
SLCD43A	43	47.8	54.9	1.0	69.4	21.6	5.0	75	100
SLCD45	45	50.0	63.3	1.0	80.3	18.7	5.0	75	100
SLCD45A	45	50.0	57.5	1.0	72.7	20.6	5.0	75	100
SLCD48	48	53.3	67.5	1.0	85.5	17.5	5.0	75	100
SLCD48A	48	53.3	61.3	1.0	77.4	19.4	5.0	75	100
SLCD51	51	56.7	71.8	1.0	91.1	16.5	5.0	75	100
SLCD51A	51	56.7	65.2	1.0	82.4	18.2	5.0	75	100
SLCD54	54	60.0	76.0	1.0	96.3	15.6	5.0	75	100
SLCD54A	54	60.0	69.0	1.0	87.1	17.2	5.0	75	100
SLCD58	58	64.4	81.6	1.0	103	14.6	5.0	75	100
SLCD58A	58	64.4	74.1	1.0	93.6	16.0	5.0	75	100



低电容瞬态抑制二极管 Low Capacitance Surface mount TVS

SLCD6.5 --- SLCD170A

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)
SLCD60	60	66.7	84.5	1.0	107	14.0	5.0	75	100
SLCD60A	60	66.7	76.7	1.0	96.8	15.5	5.0	75	100
SLCD64	64	71.1	90.1	1.0	114	13.2	5.0	75	100
SLCD64A	64	71.1	81.8	1.0	103	14.6	5.0	75	100
SLCD70	70	77.8	98.6	1.0	125	12.0	5.0	75	100
SLCD70A	70	77.8	89.5	1.0	113	13.3	5.0	75	100
SLCD75	75	83.0	105.7	1.0	134	11.2	5.0	75	100
SLCD75A	75	83.0	95.8	1.0	121	12.4	5.0	75	100
SLCD78	78	86.0	109.8	1.0	139	10.8	5.0	75	100
SLCD78A	78	86.0	99.7	1.0	126	11.9	5.0	75	100
SLCD85	85	94.0	119.2	1.0	151	9.9	5.0	75	100
SLCD85A	85	94.0	108.2	1.0	137	10.9	5.0	75	100
SLCD90	90	100	126.5	1.0	160	9.4	5.0	75	100
SLCD90A	90	100	115.5	1.0	146	10.3	5.0	75	100
SLCD100	100	111	141.0	1.0	179	8.4	5.0	75	100
SLCD100A	100	111	128.0	1.0	162	9.3	5.0	75	100
SLCD110	110	122	154.5	1.0	196	7.7	5.0	75	100
SLCD110A	110	122	140.5	1.0	177	8.5	5.0	75	100
SLCD120	120	133	169.0	1.0	214	7.0	5.0	75	100
SLCD120A	120	133	153.0	1.0	193	7.8	5.0	75	100
SLCD130	130	144	182.5	1.0	231	6.5	5.0	75	100
SLCD130A	130	144	165.5	1.0	209	7.2	5.0	75	100
SLCD150	150	167	211.5	1.0	268	5.6	5.0	75	100
SLCD150A	150	167	192.5	1.0	243	6.2	5.0	75	100
SLCD160	160	178	226.0	1.0	287	5.2	5.0	75	100
SLCD160A	160	178	205.0	1.0	259	5.8	5.0	75	100
SLCD170	170	189	239.5	1.0	304	4.9	5.0	75	100
SLCD170A	170	189	217.5	1.0	275	5.5	5.0	75	100