

Transient Voltage Suppressors (LCE Series)

1500 Watt Low Capacitance/DO-201

TYPE NUMBER	V _{WM}	V _{BR} @ I _T		I _T	Max I _D @ V _{WM}	Max V _C @ I _{PP}	Max I _{PP}	C _S @ 0 Volts	V _{P1B}
		Min	Max						
		V	VDC						
LCE6.5	6.5	7.22	8.82	10	1000	12.3	100	100	100
LCE6.5A	6.5	7.22	7.98	10	1000	11.2	100	100	100
LCE7.0	7.0	7.78	9.51	10	500	13.3	100	100	100
LCE7.0A	7.0	7.78	8.60	10	500	12.0	100	100	100
LCE7.5	7.5	8.33	10.2	10	250	14.3	100	100	100
LCE7.5A	7.5	8.33	9.21	10	250	12.9	100	100	100
LCE8.0	8.0	8.89	10.9	1	100	15.0	100	100	100
LCE8.0A	8.0	8.89	9.83	1	100	13.6	100	100	100
LCE8.5	8.5	9.44	11.5	1	50	15.9	94	100	100
LCE8.5A	8.5	9.44	10.4	1	50	14.4	100	100	100
LCE9.0	9.0	10.0	12.2	1	10	16.9	89	100	100
LCE9.0A	9.0	10.0	11.1	1	10	15.4	97	100	100
LCE10	10	11.1	13.6	1	5	18.8	80	100	100
LCE10A	10	11.1	12.3	1	5	17.0	88	100	100
LCE11	11	12.2	14.9	1	5	20.1	74	100	100
LCE11A	11	12.2	13.5	1	5	18.2	82	100	100
LCE12	12	13.3	16.3	1	5	22.0	68	100	100
LCE12A	12	13.3	14.7	1	5	19.9	75	100	100
LCE13	13	14.4	17.6	1	5	23.8	63	100	100
LCE13A	13	14.4	15.9	1	5	21.5	70	100	100
LCE14	14	15.6	19.1	1	5	25.8	58	100	100
LCE14A	14	15.6	17.2	1	5	23.2	65	100	100
LCE15	15	16.7	20.4	1	5	26.9	56	100	100
LCE15A	15	16.7	18.5	1	5	24.4	61	100	100
LCE16	16	17.8	21.8	1	5	28.8	52	100	100
LCE16A	16	17.8	19.7	1	5	26.0	27	100	100
LCE17	17	18.6	23.1	1	5	30.5	49	100	100
LCE17A	17	18.6	20.9	1	5	27.6	54	100	100
LCE18	18	20.0	24.4	1	5	32.2	46	100	100
LCE18A	18	20.0	22.1	1	5	29.2	51	100	100
LCE20	20	22.2	27.1	1	5	35.8	42	100	100
LCE20A	20	22.2	24.5	1	5	32.4	46	100	100
LCE22	22	24.4	29.8	1	5	39.4	38	100	100
LCE22A	22	24.4	26.9	1	5	35.5	42	100	100
LCE24	24	26.7	32.6	1	5	43.0	35	100	100
LCE24A	24	26.7	29.5	1	5	38.9	39	100	100

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		Min	Max						
		VDC							
	V			mADC	μA DC	V	A	pF	V
LCE26	26	28.9	35.3	1	5	46.6	32.0	100	100
LCE26A	26	28.9	31.9	1	5	42.1	36.0	100	100
LCE28	28	31.1	38.0	1	5	50.1	30.0	100	100
LCE28A	28	31.1	34.4	1	5	45.4	33.0	100	100
LCE30	30	33.3	40.7	1	5	53.5	28.0	100	100
LCE30A	30	33.3	36.8	1	5	48.4	31.0	100	100
LCE33	33	36.7	44.9	1	5	59.0	25.4	100	100
LCE33A	33	36.7	40.6	1	5	53.3	28.1	100	100
LCE36	36	40.0	48.9	1	5	64.3	23.3	100	100
LCE36A	36	40.0	44.2	1	5	58.1	25.8	100	100
LCE40	40	44.4	54.3	1	5	71.4	21.0	100	100
LCE40A	40	44.4	49.1	1	5	64.5	23.3	100	100
LCE43	43	47.8	58.4	1	5	76.7	19.5	100	200
LCE43A	43	47.8	52.8	1	5	69.4	21.6	100	200
LCE45	45	50.0	61.1	1	5	80.3	18.7	100	200
LCE45A	45	50.0	55.3	1	5	72.7	20.6	100	200
LCE48	48	53.3	65.1	1	5	85.5	17.5	100	200
LCE48A	48	53.3	58.9	1	5	77.4	19.4	100	200
LCE51	51	56.7	69.3	1	5	91.1	16.5	100	200
LCE51A	51	56.7	62.7	1	5	82.4	18.2	100	200
LCE54	54	60.0	73.3	1	5	96.3	15.6	100	200
LCE54A	54	60.0	66.3	1	5	87.1	17.2	100	200
LCE58	58	64.4	78.7	1	5	103.0	14.6	100	200
LCE58A	58	64.4	71.2	1	5	93.6	16.0	100	200
LCE60	60	66.7	81.5	1	5	107.0	14.0	90	200
LCE60A	60	66.7	73.7	1	5	96.8	15.5	90	200
LCE64	64	71.1	86.9	1	5	114.0	13.2	90	200
LCE64A	64	71.1	78.6	1	5	103.0	14.6	90	200
LCE70	70	77.8	95.1	1	5	125.0	12.0	90	200
LCE70A	70	77.8	86.0	1	5	113.0	13.3	90	200
LCE75	75	83.3	102.0	1	5	134.0	11.2	90	200
LCE75A	75	83.3	91.1	1	5	121.0	12.4	90	200
LCE80	80	88.7	108.0	1	5	142.0	10.6	90	200
LCE80A	80	88.7	98.0	1	5	126.0	11.6	90	200
LCE90	90	100	122.0	1	5	160.0	9.4	90	200
LCE90A	90	100	111.0	1	5	146.0	10.3	90	200

Suffix 'A' denotes 5% tolerance device, no suffix denotes 10% tolerance device.

OPERATING/STORAGE TEMPERATURE -55°C to +175°C

For Bi-directional protection two T.V.S. devices must be used. Test T.V.S. in avalanche direction.
Do NOT pulse in forward direction.

SYMBOLS AND ABBREVIATIONS:

V_{WM} = Rated Stand-Off Voltage

I_{PP} = Peak Pulse Current

V_C(Max) = Maximum Clamping Voltage

C_S = Device Capacitance

V_{BR} = Breakdown Voltage

I_T = Test Current

I_D = Reverse Leakage

V_{P1B} = Peak Inverse Blocking Voltage