

EVVOSEMI[®]

THINK CHANGE DO



ESD



TVS



MOS



LDO



Diode



Sensor



DC-DC

Product Specification

▶ Domestic	Part Number	LESD8LL5.0CT5G
▶ Overseas	Part Number	LESD8LL5.0CT5G
▶ Equivalent	Part Number	LESD8LL5.0CT5G

EV is the abbreviation of name EVVO

- Cellular phones audio
- MP3 players
- Digital cameras
- Portable applications
- mobile telephone

<http://www.evvosemi.com/>

ELECTRICAL CHARACTERISTICS

Device	V_{RWM} (V)	I_R (μ A) @ V_{RWM}	V_{BR} (V) @ I_T (Note 2)	I_T	V_C (V) @ $I_{PP} = 1$ A (Note 3)	V_C (V) @ MAX I_{PP} (Note 3)	I_{PP} (A) (Note 3)	P_{PK} (W) (Note 3)	C (pF)	
	Max	Max	Min	mA	Max	Max	Max	Max	Typ	Max
LESD8LL5.0C	5	0.5	6	1.0	12	20	4	80	0.25	0.3

Other voltage available upon request.

2. V_{BR} is measured with a pulse test current I_T at an ambient temperature of 25 °C

3. Surge current waveform per Figure 1.

ELECTRICAL CHARACTERISTICS

($T_A = 25^\circ\text{C}$ unless otherwise noted)

Symbol	Parameter
I_{PP}	Maximum Reverse Peak Pulse Current
V_C	Clamping Voltage @ I_{PP}
V_{RWM}	Working Peak Reverse Voltage
I_R	Maximum Reverse Leakage Current @ V_{RWM}
V_{BR}	Breakdown Voltage @ I_T
I_T	Test Current
P_{pk}	Peak Power Dissipation
C	Capacitance @ $V_R = 0$ and $f = 1.0$ MHz

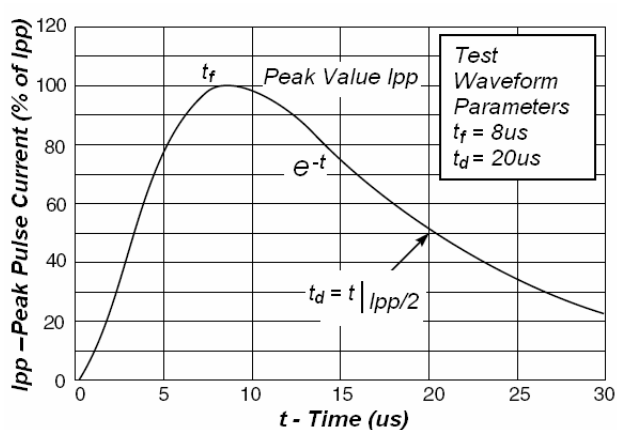
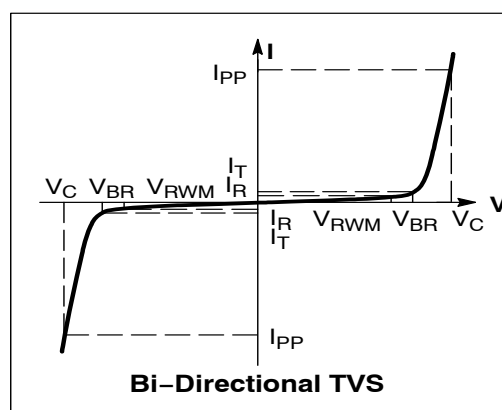


Fig1. Pulse Waveform

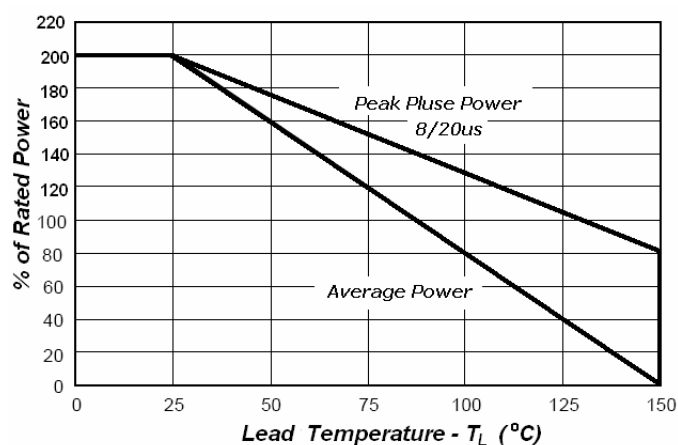
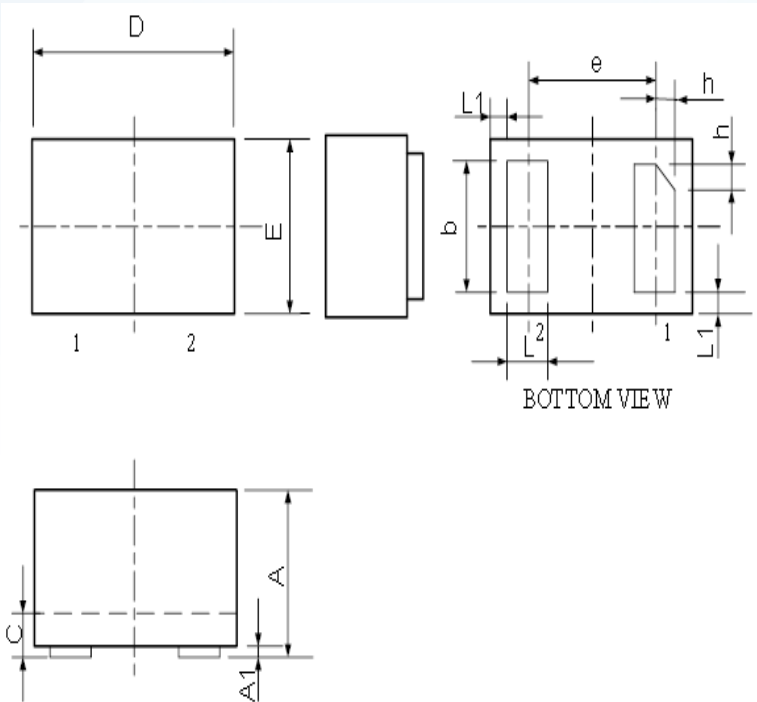


Fig2. Power Derating Curve

SOD882 PACKAGE OUTLINE DIMENSIONS



Symbol	Dimensions In Millimeters	
	Minimum	Maximum
A	0.450	0.550
A1	0.000	0.050
b	0.45	0.55
C	0.12	0.18
D	0.950	1.050
e	0.65BSC	
E	0.550	0.650
L	0.200	0.300
L1	0.05REF	
h	0.07	0.17

Marking



Ordering information

Order code	Package	Baseqty	Deliverymode
LESD8LL5.0CT5G	SOD-882	10000	Tape and reel

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