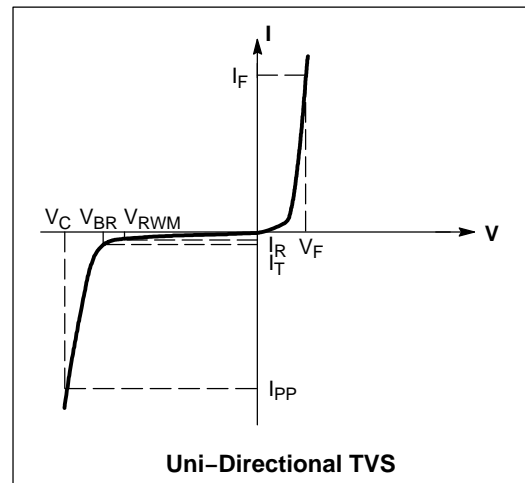


LESD8D36T5G

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
I_F	Forward Current
V_F	Forward Voltage @ I_F
P_{pk}	Peak Power Dissipation
C	Capacitance @ $V_R = 0$ and $f = 1.0$ MHz



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Reverse Working Voltage	V_{RWM}			36	V	
Breakdown Voltage	V_{BR}	38		44	V	$I_R = 1\text{mA}$
Reverse Leakage Current	I_R			0.5	μA	$V_{RM}=36\text{V}$
Peak Pulse Current (8/20 μs)	I_{PP}			2	A	
Clamping Voltage	V_C			52	V	$I_{PP} = 2\text{A}$ (8 x 20 μs pulse)
Forward Voltage	V_F			1.2	V	$I_F = 10\text{mA}$
Junction Capacitance	C_J			40	pF	$V_R = 0\text{V}$, $f = 1\text{MHz}$

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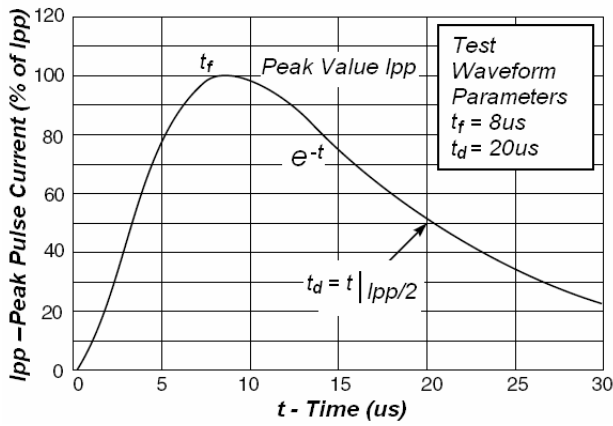


Fig1. Pulse Waveform

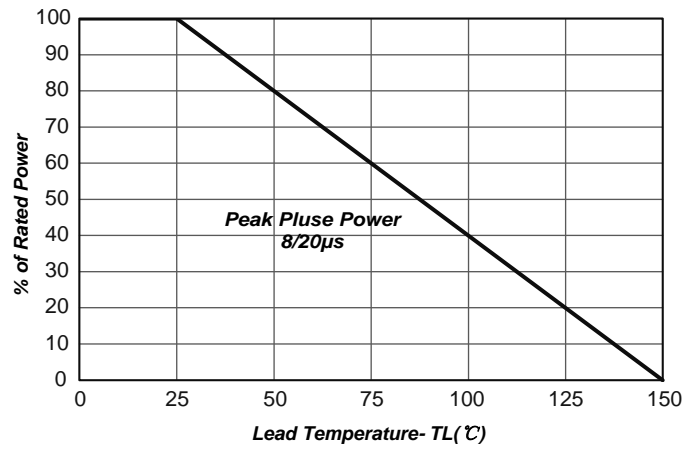


Fig2 Power Derating

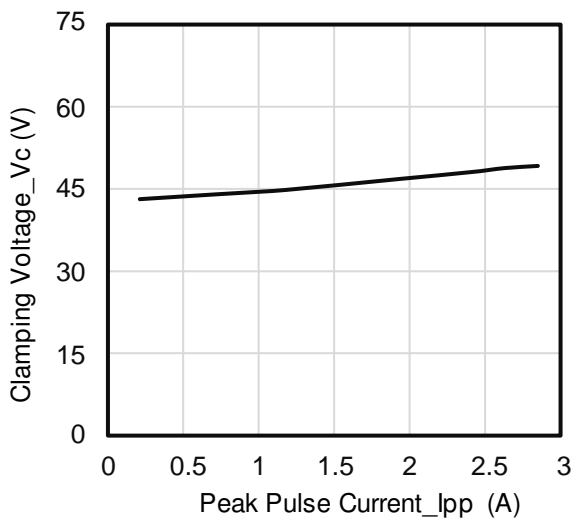
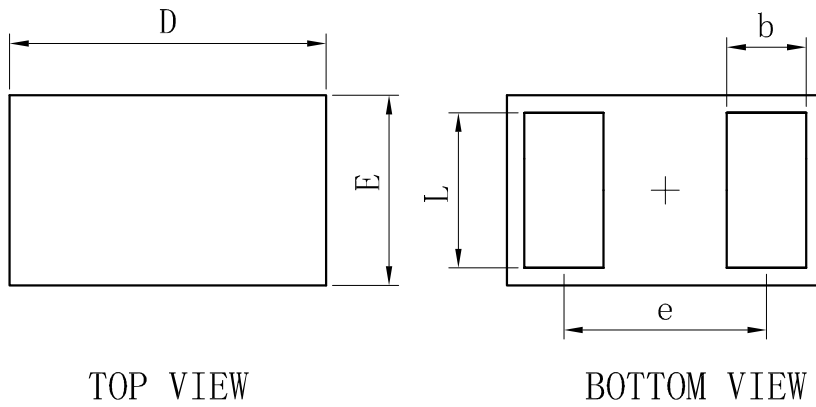


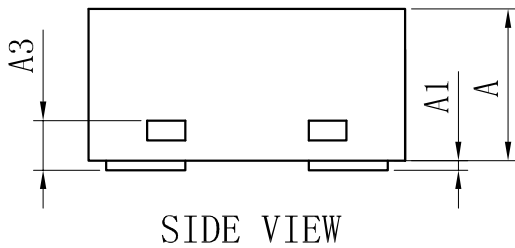
Figure 3. Clamping Voltage vs. Peak Pulse Current

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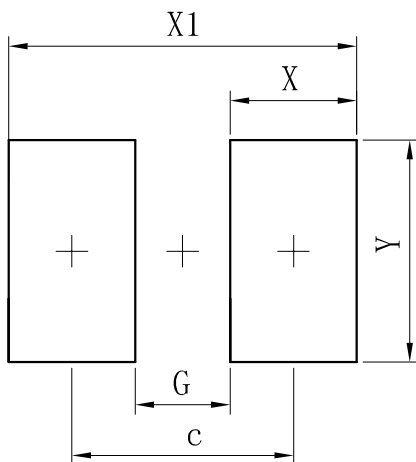
OUTLINE AND DIMENSIONS



SOD882			
Dim	Min	Typ	Max
D	0.95	1.00	1.05
E	0.55	0.60	0.65
e	-	0.64	-
L	0.44	0.49	0.54
b	0.20	0.25	0.30
A	0.43	0.48	0.53
A1	0	-	0.05
A3	0.127REF.		
All Dimensions in mm			



SOLDERING FOOTPRINT



Dimensions	(mm)
c	0.70
G	0.30
X	0.40
X1	1.10
Y	0.70

单击下面可查看定价，库存，交付和生命周期等信息

[>>LRC\(乐山无线电\)](#)