



# ESDSL18VLZB

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## 1-Line, Bi-directional, Ultra-low Capacitance Transient Voltage Suppressor

### Features

ISO1000-4 (500V/10kA/20ns)

Ultra-low capacitance: C

$J = 0.35\text{pF}$  typ

Ultra-low leakage current:  $I_R < 1\text{nA}$  typ

Low clamping voltage: V

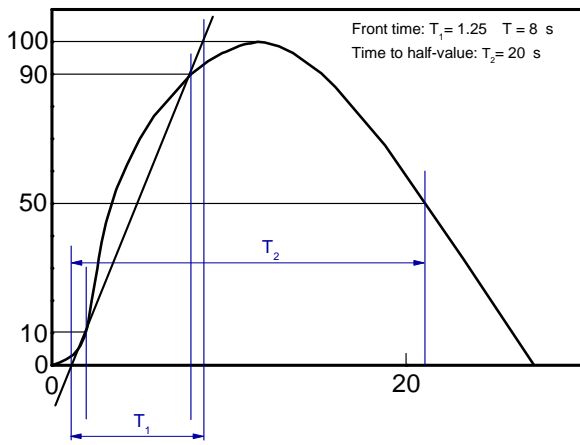
**ESDLC18VLZB**



## Characteristics (Typical)

8/20 $\mu$ s waveform per IEC61000 4 5

Contact discharge current waveform per IEC61000 4 2



Clamping voltage vs. Peak pulse current

Capacitance vs. Reverse voltage

Non repetitive peak pulse power vs. Pulse time

Power derating vs. Ambient temperature



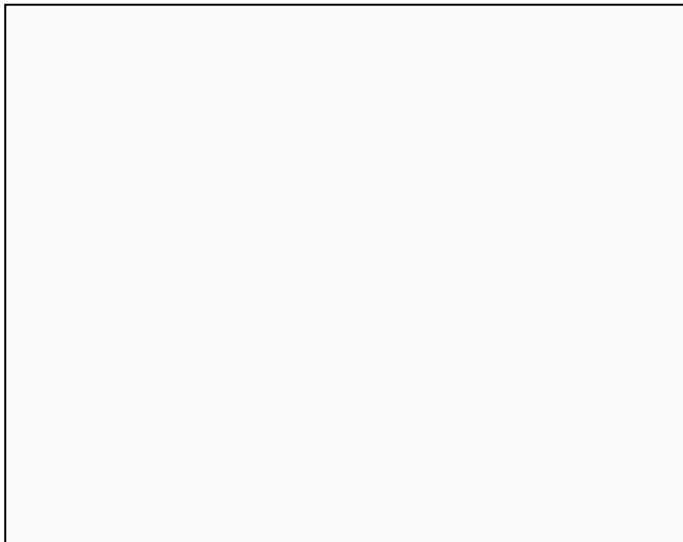
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ESD clamping  
(+8kV contact discharge per IEC61000 4 2)

ESD clamping  
( 8kV contact discharge per IEC61000 4 2)

TLP Measurement

## Outline Dimensions



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\$				
%				
&				



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### Recommend land pattern (Unit:mm)



#### Notes:

This recommended land pattern is for reference purposes only. Please consult your manufacturing group to ensure your PCB design guidelines are met



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