



ESDSL18VLZB

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

Features

ESDSL18VLZB (5.0V/18V/20mA)

Ultra-low capacitance: C

$J = 0.35\text{pF}$ typ

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

Low clamping voltage: V

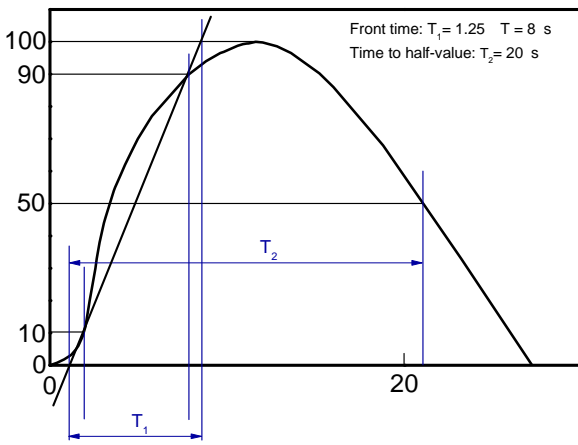
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Characteristics (Typical)

8/20 μ 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

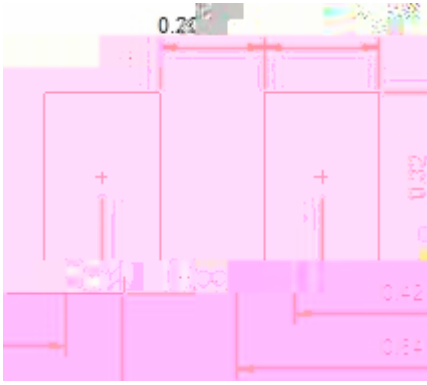


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Recommend land pattern (Unit:mm)



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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