



## 1-Line Ultra Low Capacitance Bi-directional TVS Diode

### Features

Ultra small package: 1.0x0.6x0.5mm  
Ultra low capacitance: 0.3pF typical  
Ultra low leakage: nA level  
Operating voltage: 24V  
Low clamping voltage  
2-Pin leadless package  
RoHS Compliant

### Mechanical Characteristics

Package: DFN1006-2

Lead Finish: Matte Tin

Case Material6

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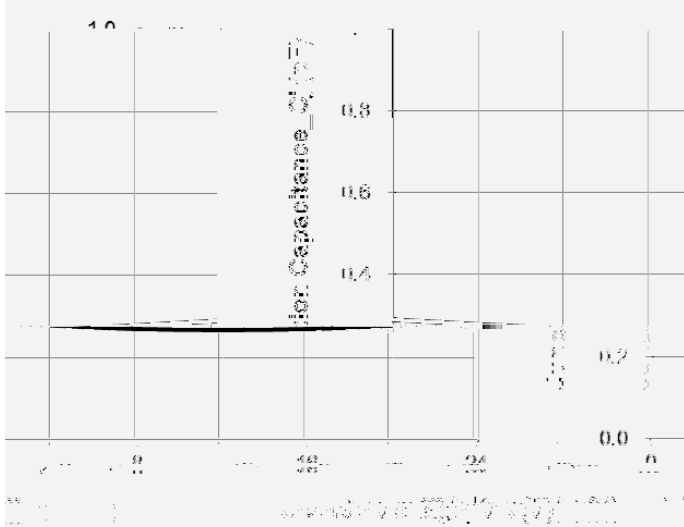
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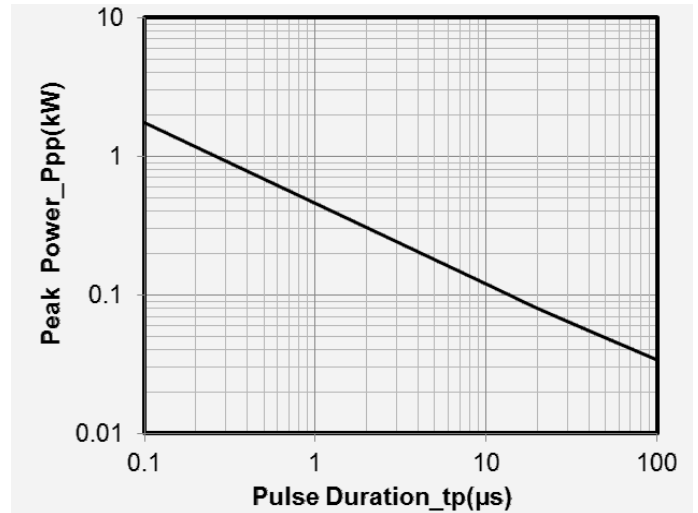


# ESDSL24VLBS

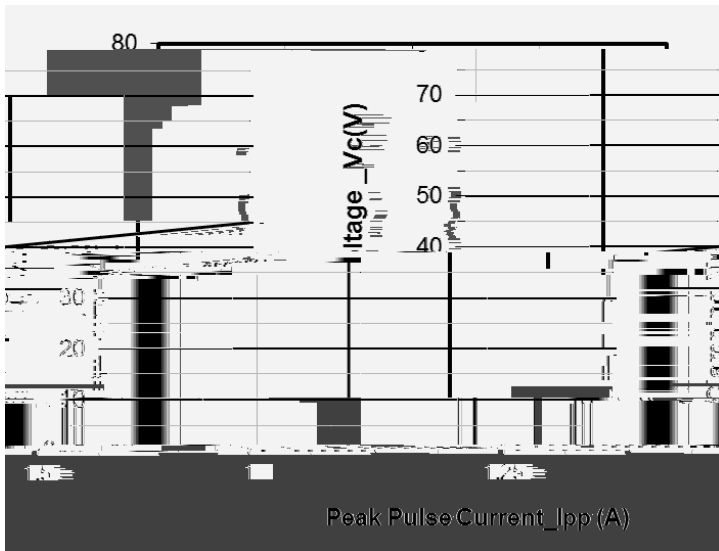
Typical Performance Characteristics (Ta=25°C unless otherwise Specified)



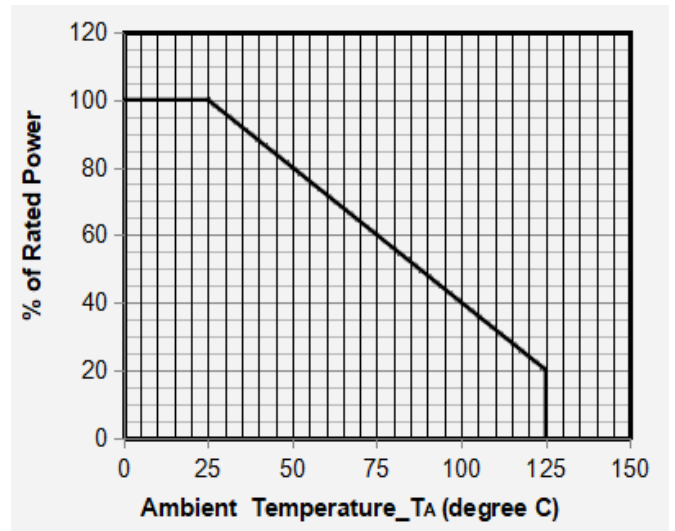
Junction Capacitance vs. Reverse Voltage



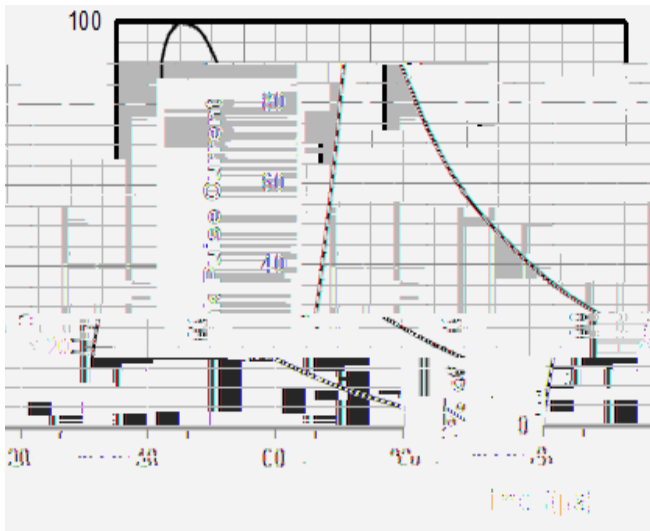
Peak Pulse Power vs. Pulse Time



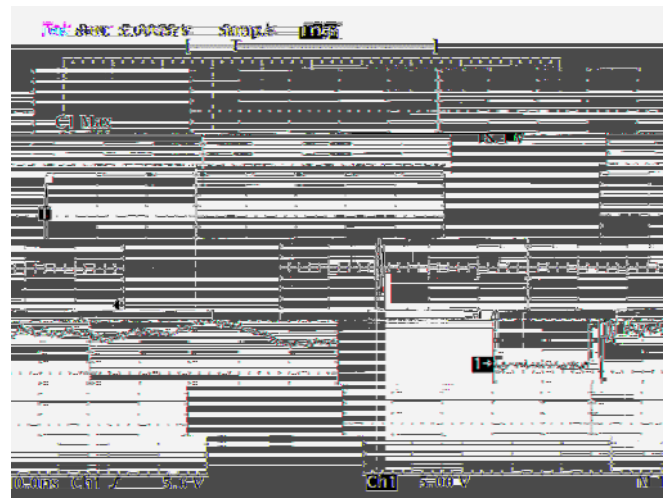
Clamping Voltage vs. Peak Pulse Current (tp = 8/20μs)



Power Derating Curve



8/20μs Pulse Waveform



Note Data is taken with a 10x attenuator  
 ESD Clamping Voltage  
 8kV Contact per IEC61000-4-2

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## Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with