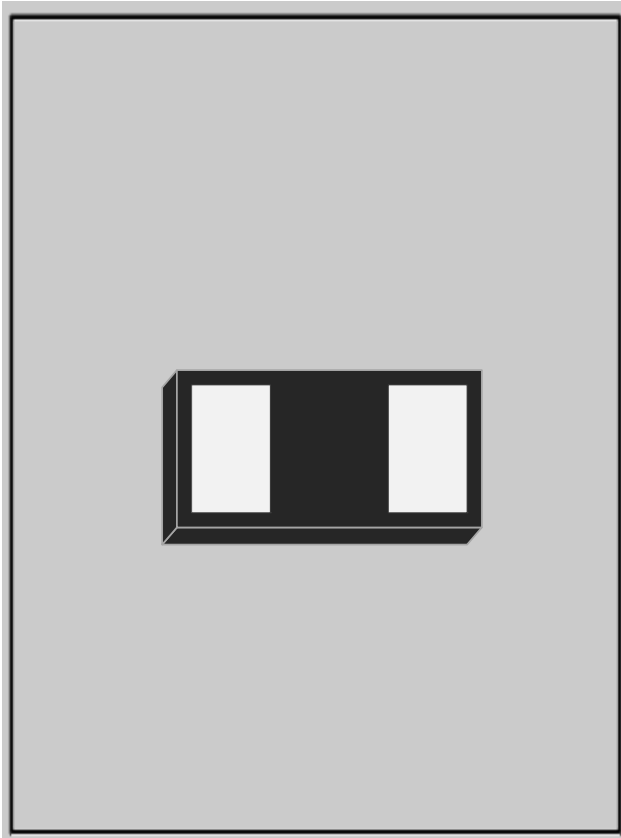


1-Line, Bi-directional, Transient Voltage Suppressor



Features

- Stand-off voltage: 3.3V Max
- Transient protection for each line according to
IEC61000-4-2(ESD): $\pm 30\text{kV}$ (contact)
IEC61000-4-4 (EFT): 40A (5/50ns)
IEC61000-4-5(surge): 9A (8/20 μs)
- Low leakage current
- Low clamping voltage
- Low clamping voltage:
 $V_{\text{CL}} = 9\text{V typ. @ IPP} = 16\text{A (TLP)}$
- RoHS Compliant

Applications

- Cellular handsets
- Tablets
- Laptops
- Network communication devices
- Other portable devices

Mechanical Data

- Package: DFN1006-2L
- Case Material: "Green" Molding Compound
- Marking Information: See Below

■Definitions of electrical characteristics



■ Characteristics (Typical)

Fig.1 8/20 μ s waveform per IEC61000-4-5

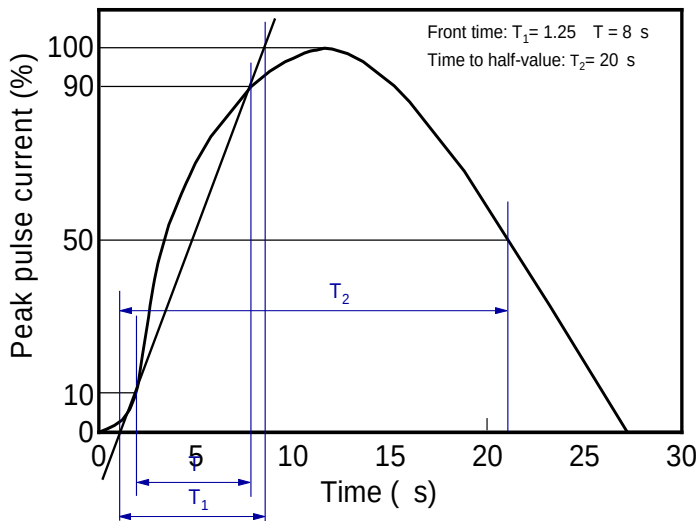


Fig.2 Contact discharge current waveform per IEC61000-4-2

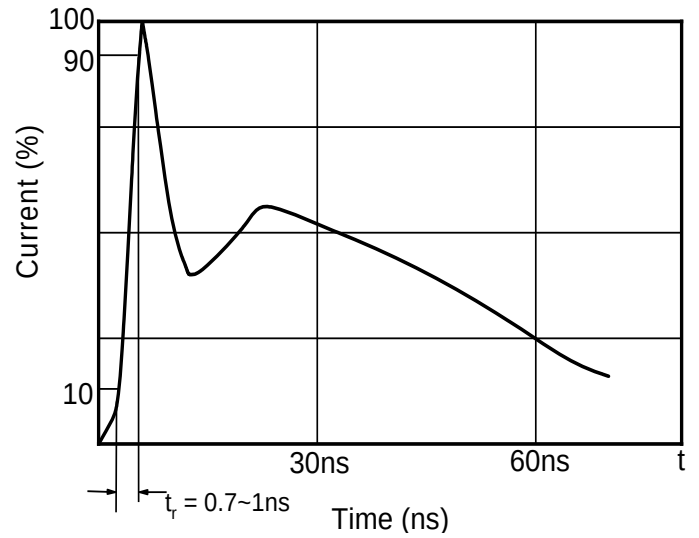
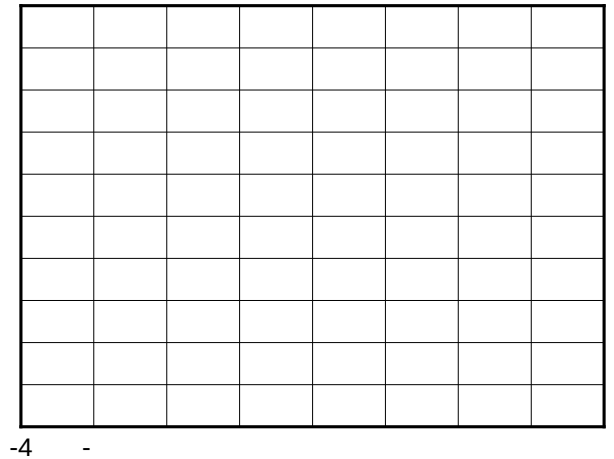
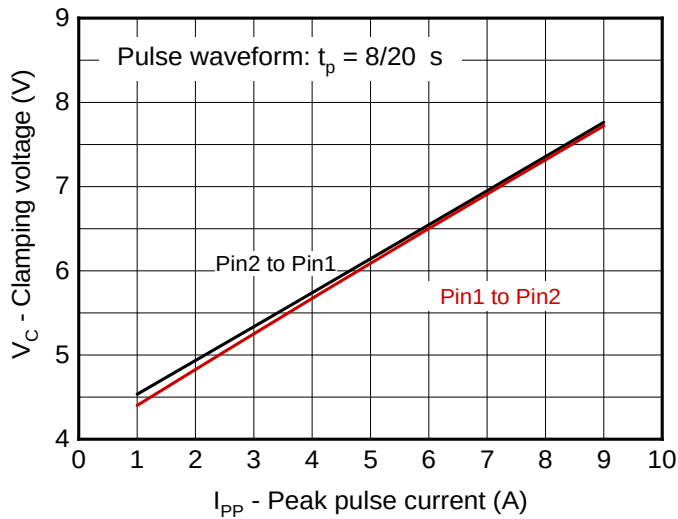
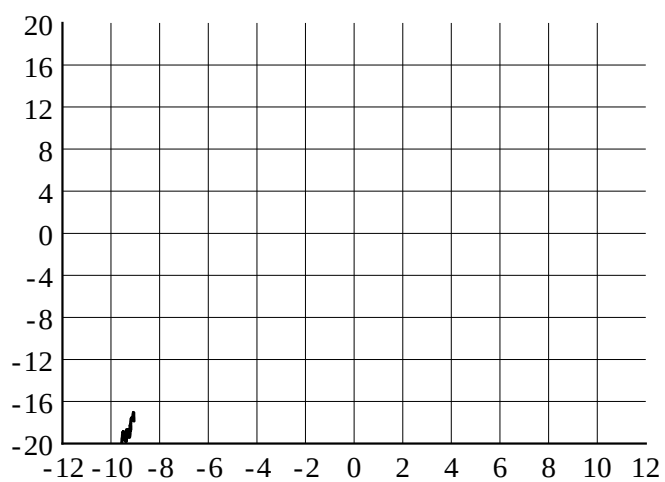


Fig.3 Clamping voltage vs. Peak pulse current





v 5HFRPPHQGHG 3&% /D\RXW

1RWHV
7KLV UHFRPPHQGHG ODQG SDWWHUQ LWOHHUHIHU

hv]šWuu



Disclaimer

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