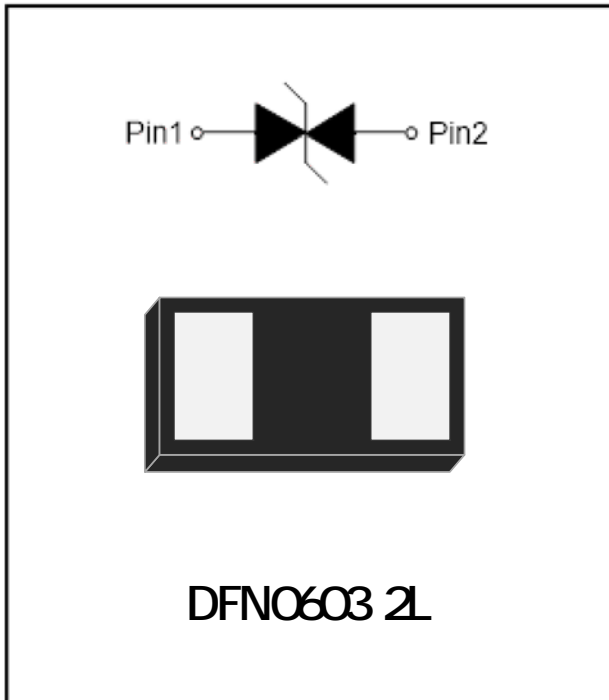


1-Line, Bi-directional, Ultra-low Capacitance Transient Voltage Suppressor



Features

- Stand-off voltage: 5V Max
- Transient protection for each line according to
 - IEC61000-4-2(ESD): $\pm 20\text{kV}$ (contact)
 - IEC61000-4-5(surge): 3A (8/20 μs)
- Ultra-low leakage current
- Ultra low clamping voltage
- RoHS Compliant

Applications

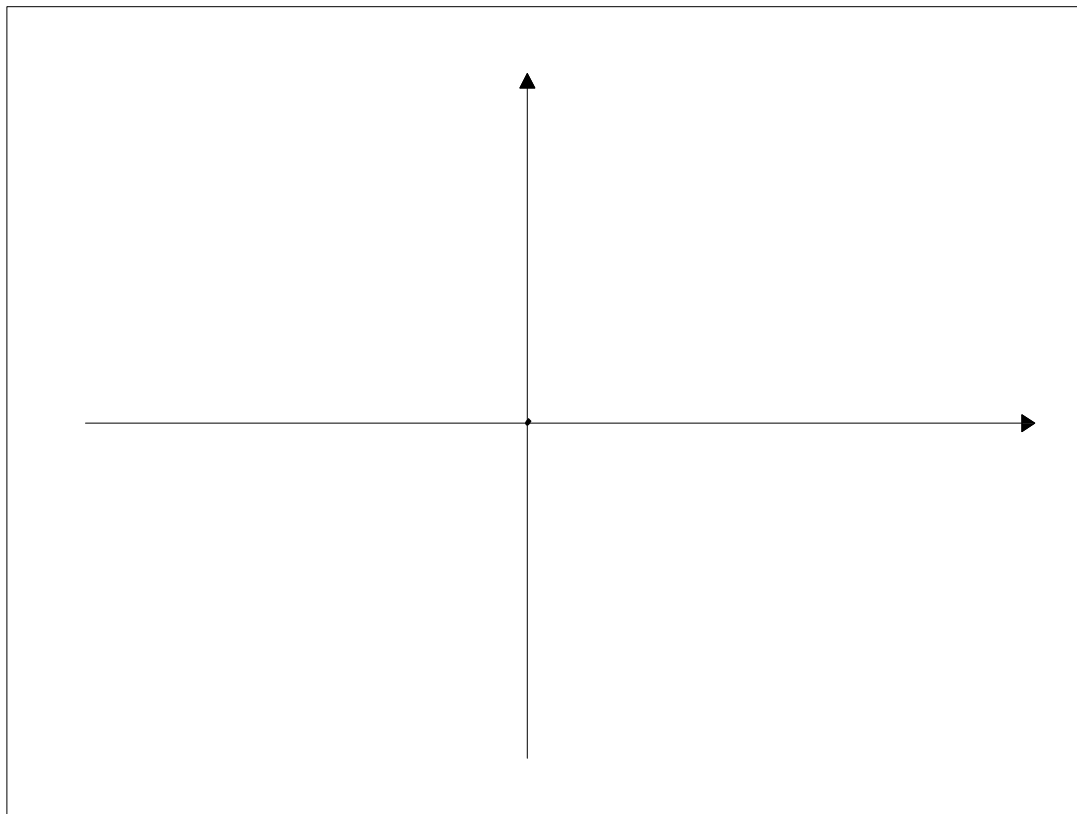
- Cellular Handsets and Accessories
- Display Ports
- MDDI Ports
- USB Ports
- Digital Visual Interface (DVI)
- PCI Express and Serial SATA Ports

Mechanical Data

- Package: DFN0603-2L
- Case Material: "Green" Molding Compound
- Moisture Sensitivity: Level 3 per J-STD-020
- Marking Information: See Below



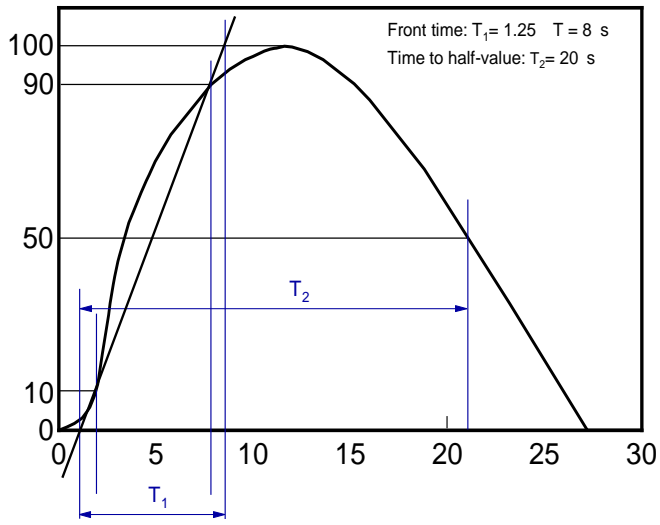
Definitions of electrical characteristics





Characteristics (Typical)

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





Out



ESDULC5V0LZBS

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