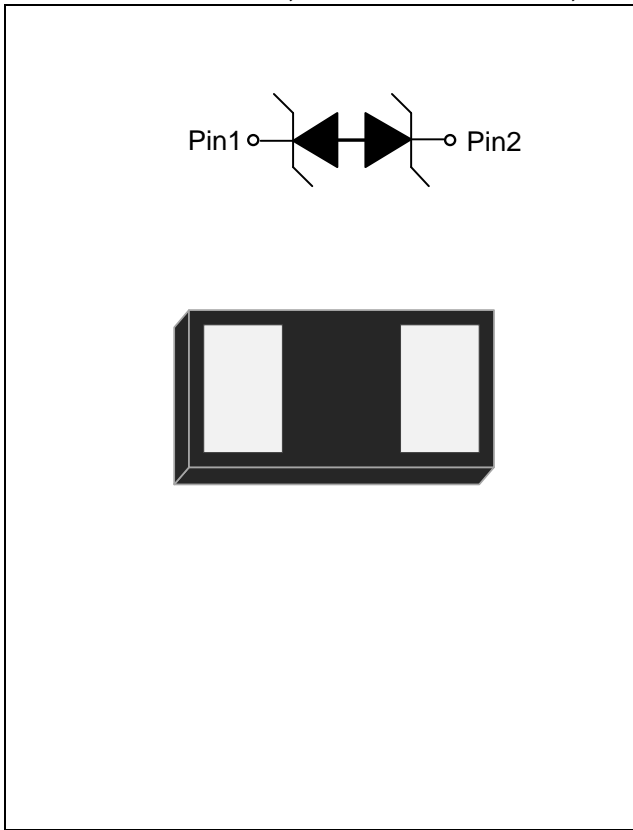




## 1- Line, Bi -directional, Transient Voltage Suppressor



### Features

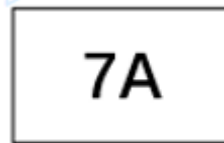
- Stand-off voltage: 7V Max
- Transient protection for each line according to IEC61000-4-2(ESD):  $\pm 30\text{kV}$  (contact)
- IEC61000-4-5(surge): 6A (8/20 $\mu\text{s}$ )
- Low leakage current
- Low clamping voltage
- RoHS Compliant

### Applications

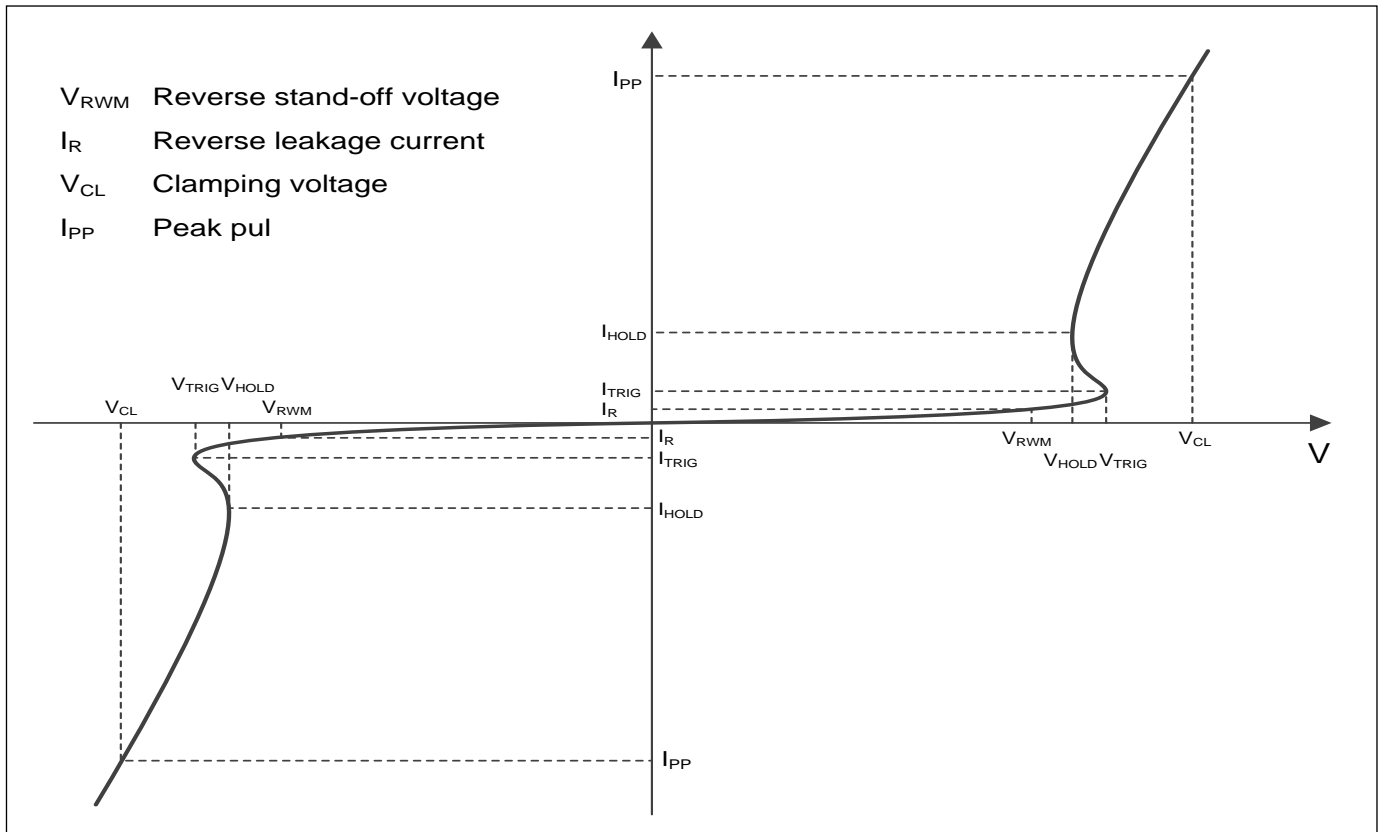
- Cellular handsets
- Tablets
- Laptops
- Network communication devices
- Other portable devices

### Mechanical Data

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

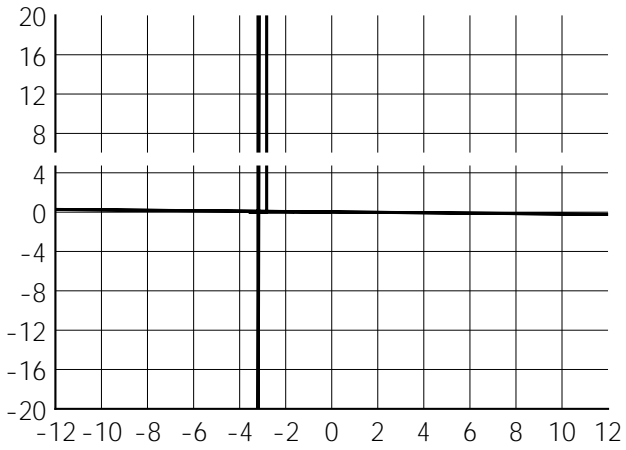


### Definitions of electrical characteristics







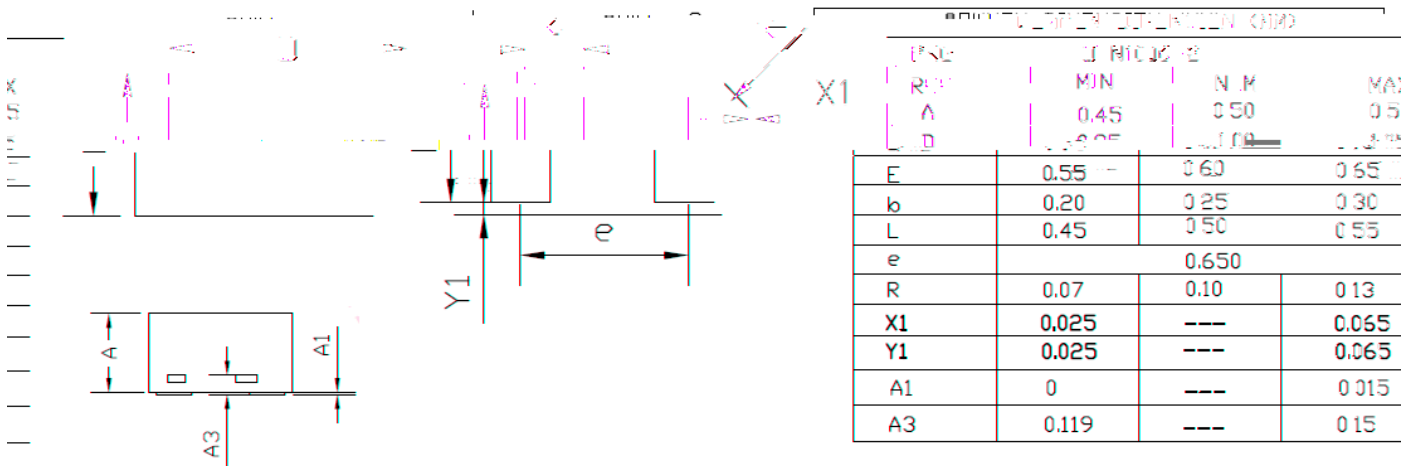


# ESD Measurement

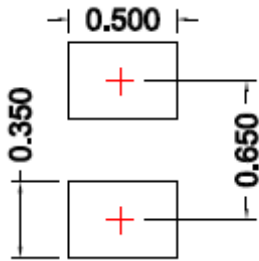


# ESD7V0LB2

## Outline Dimensions



## Recommended PCB Layout



### Notes:

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



### Disclaimer

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