



## 4-Line, Uni-directional, Ultra-low Capacitance, Transient Voltage Suppressor

### Features

- Operating voltage: 5V
- Transient protection for each line according to  
IEC61000-4-2(ESD):  $\pm 30\text{kV}$  (contact)  
IEC61000-4-5(surge): 12A (8/20 $\mu\text{s}$ )
- Ultra low capacitance:  $C_j=3.5\text{pF}$  typ
- Ultra low leakage
- Low clamping voltage
- Up to 4 lines protects
- RoHS Compliant

### Applications

- USB 2.0
- Video Graphics Cards
- DVI
- IEEE 1394
- Monitors and Flat Panel Displays
- 10/100 Ethernet
- NotebookS

### Mechanical Data

- Package: SOT-23-6L
- Lead Finish: Matte Tin
- Case Material: "Green" Molding Compound.
- Moisture Sensitivity: Level 1 per J-STD-020
- Marking Information: See Below

### ■Definitions of electrical characteristics

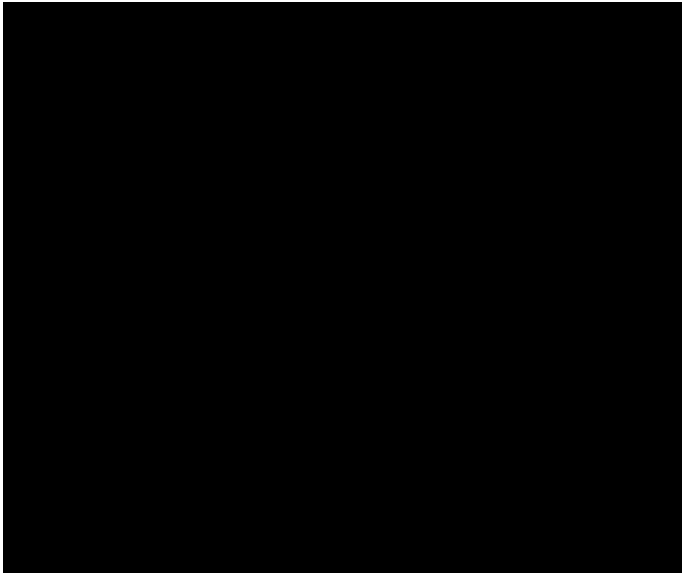
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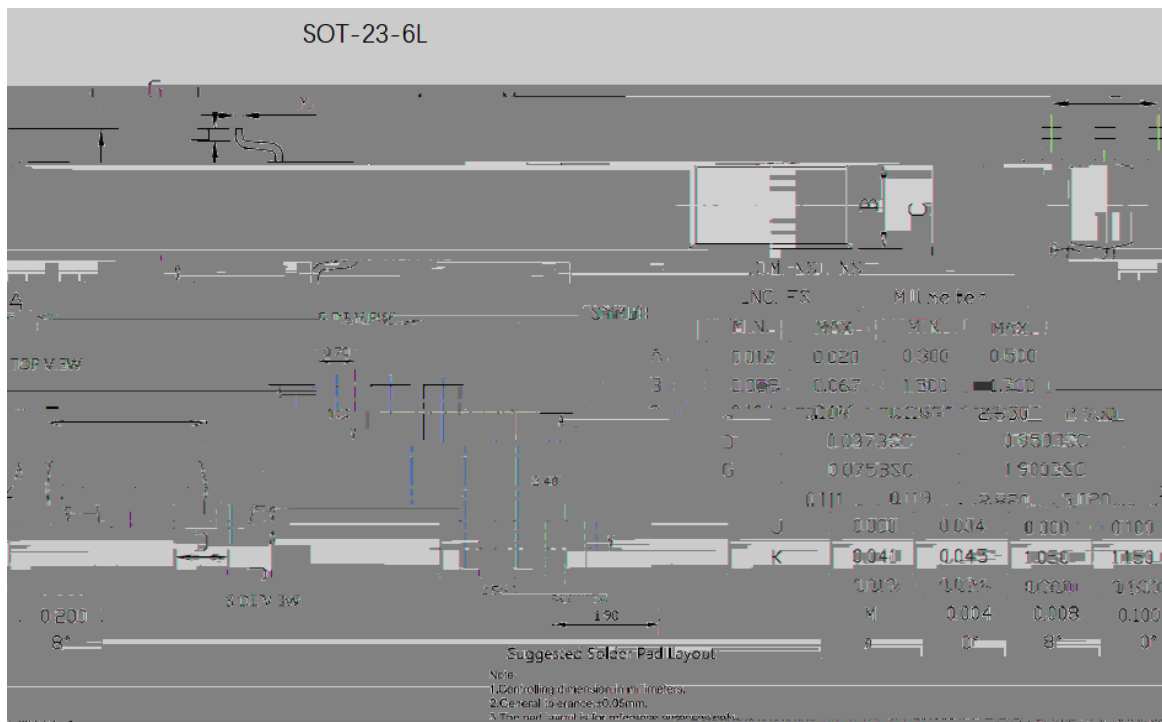
3HDN SXOVH SRZHU W



Fig.7 ESD clamping  
(+8kV contact discharge per IEC61000-4-2)



## ■ Outline Dimensions





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