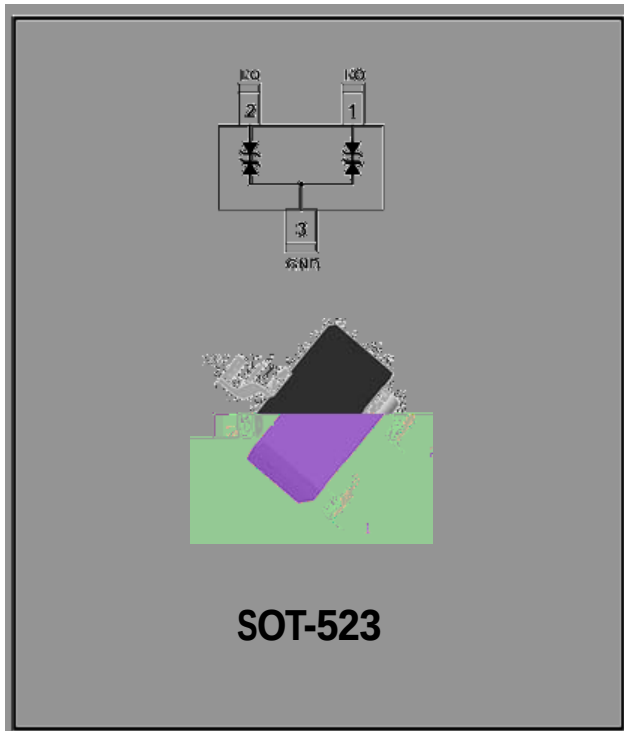


2-Line, Bi-directional, Transient Voltage Suppressor



Features

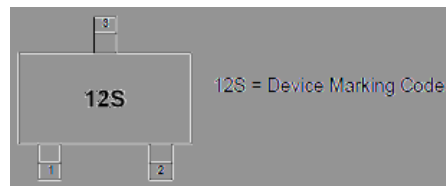
- Stand-off voltage: $\pm 5V$ Max
- Transient protection for each line according to
IEC61000-4-2(ESD): $\pm 30kV$ (contact)
IEC61000-4-5(surge): 3A (8/20 μs)
- Low leakage current:
- Ultra low clamping voltage
- RoHS Compliant

Applications

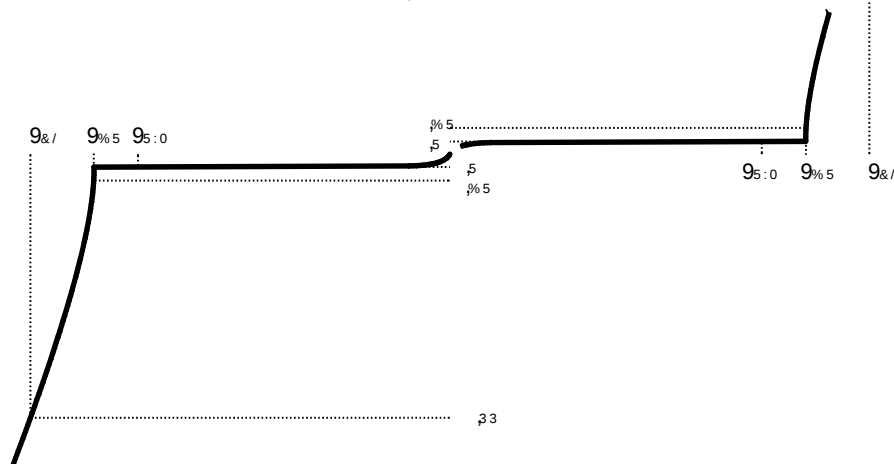
- Mobile Display Digital Interface (MDDI)
- USB 2.0
- Portable Instrumentation
- HBT Power Amplifier Protection
- Infiniband Transceiver Protection
- Firewire Ports

Mechanical Data

- Package: SOT-563



5HYHUVH VWDQG RII YROWDJH
5HYHUVH OHDNDJH FXUUHQW
5HYHUVH EUHDNGRZQ YROWDJH
9&/ &ODQSLQJ YROWDJH
33 3HDN SXOVH FXUUHQW





■Maximum Ratings

PARAMETER	SYMBOL	LIMITS
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■ Characteristics (Typical)

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

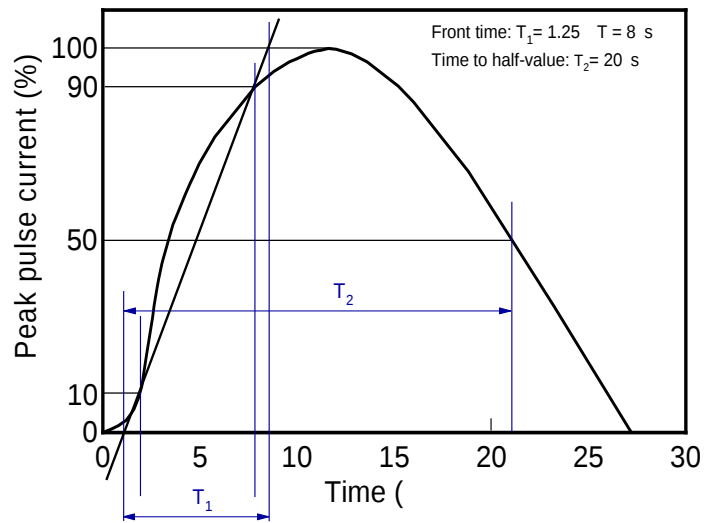
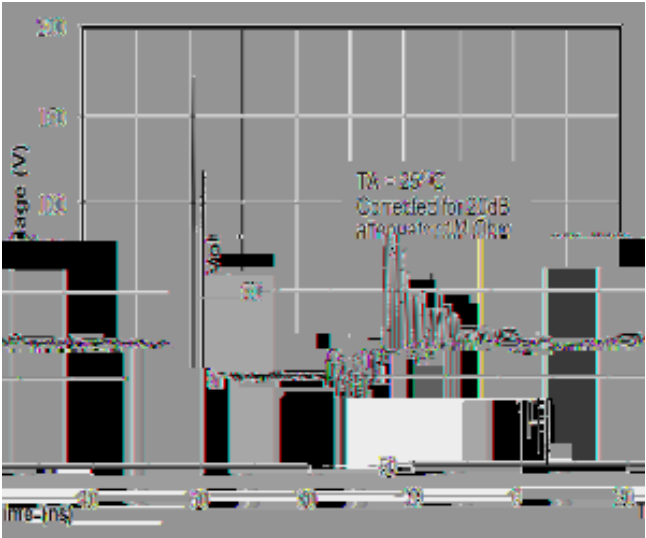
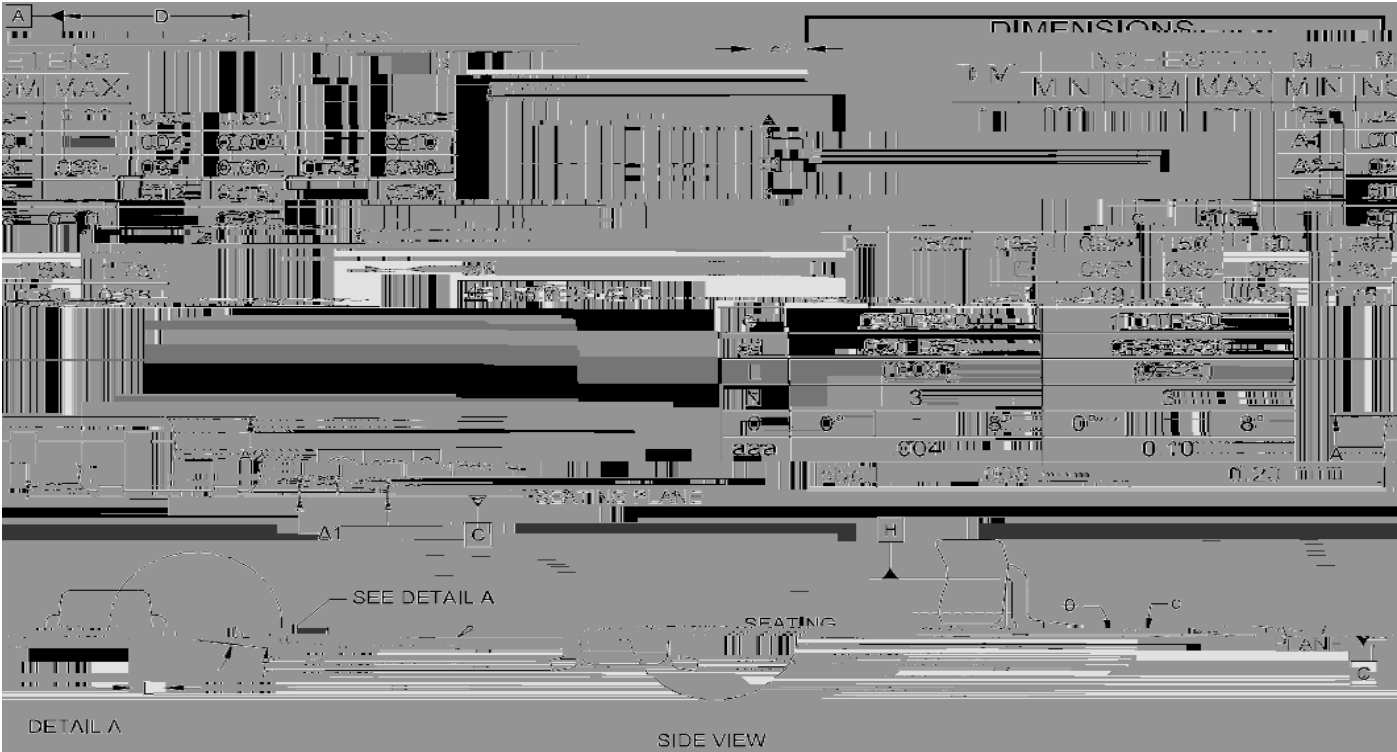


Fig.7 ESD clamping - I/O to GND
(+8kV contact discharge per IEC61000-4-2)



■ Outline Dimensions



■ Soldering Footprint





Disclaimer

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