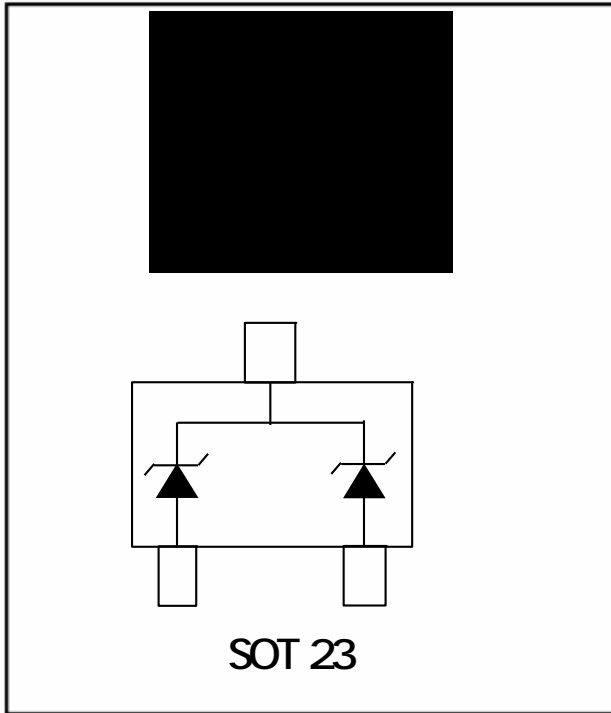


## 2- Line, Uni-directional, ESD protection diode



### Features

Transient protection for each line according to

IEC61000-4-2(ESD):

IEC61000-4-5:

Low leakage current

Ultra low clamping voltage

RoHS Compliant

Part no. with suffix "Q" means AEC-Q101 qualified

### Applications

### Mechanical Data

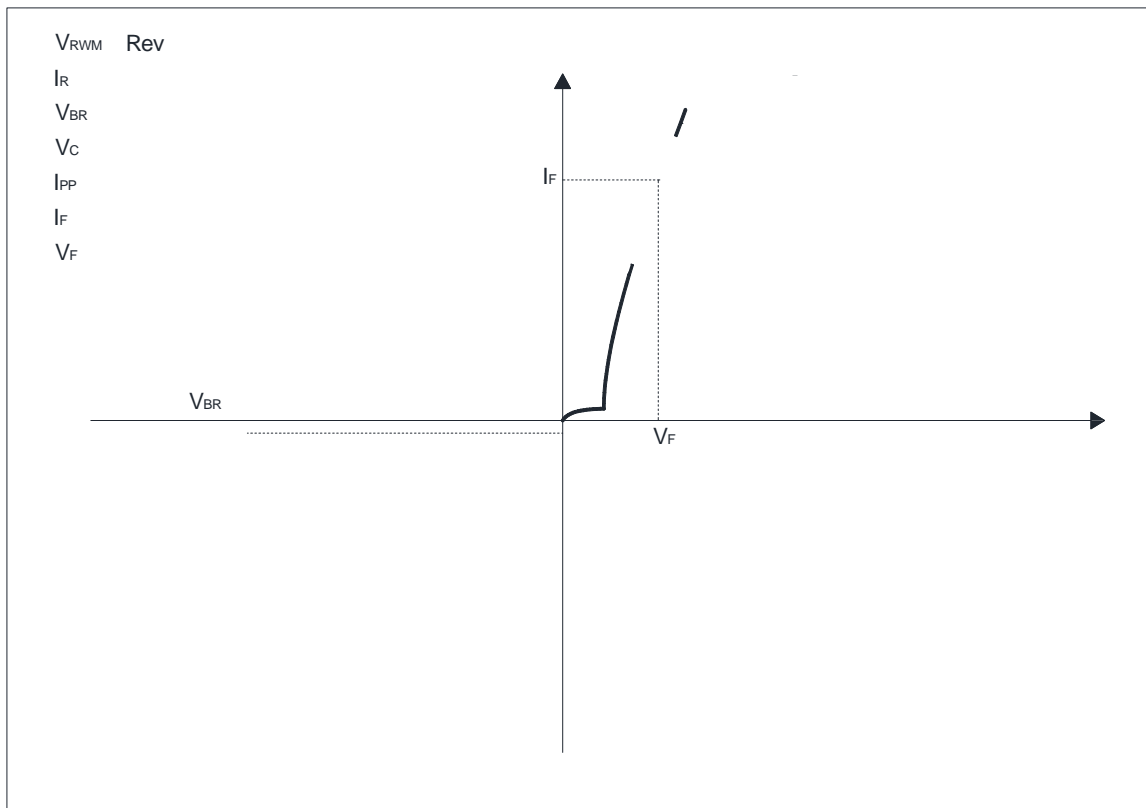
Package: SOT-23

Lead Finish: Matte Tin

Case Material: "Green" Molding Compound

Moisture Sensitivity: Level 1 per J-STD-020

### Definitions of electrical characteristics







## Characteristics (Typical)

Fig.1: 8/20 $\mu$ s Pulse Waveform

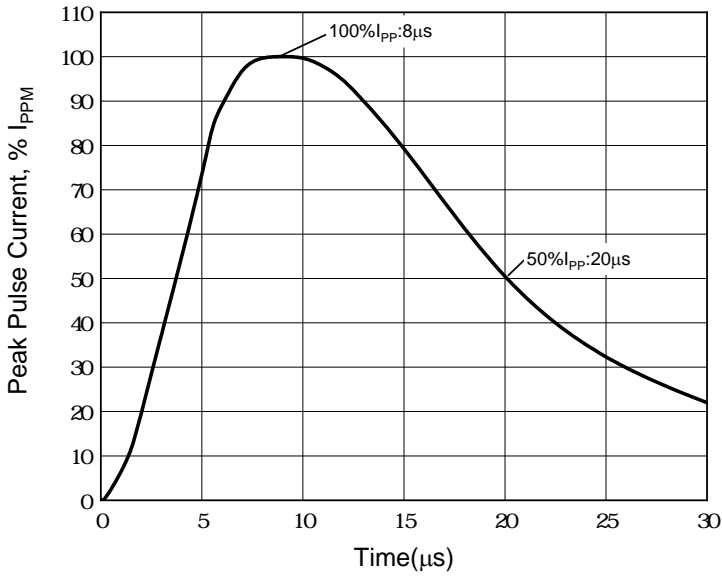


Fig.2: Peak Pulse Current vs Clamping Voltage

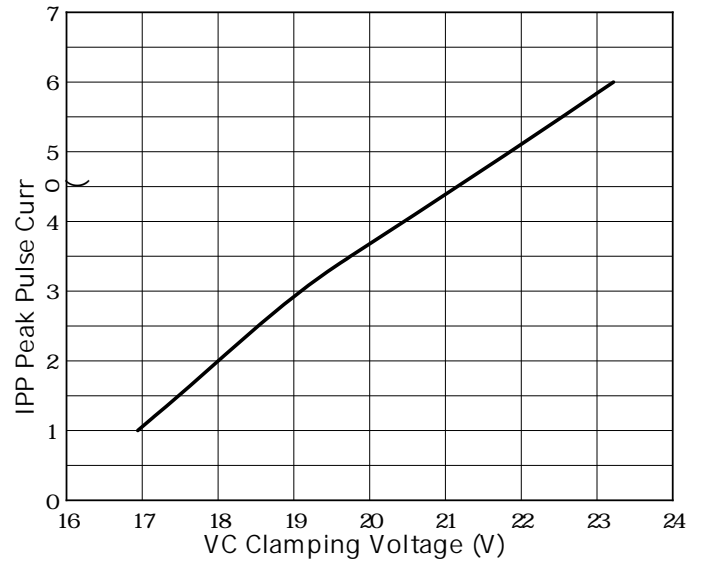
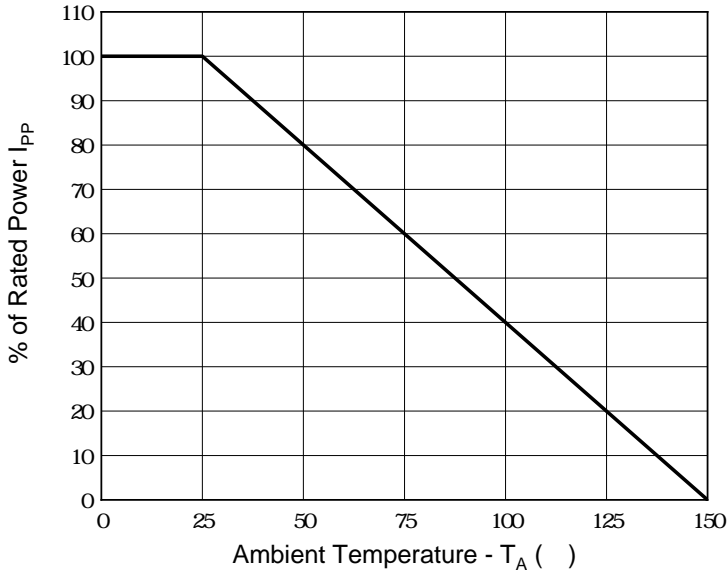


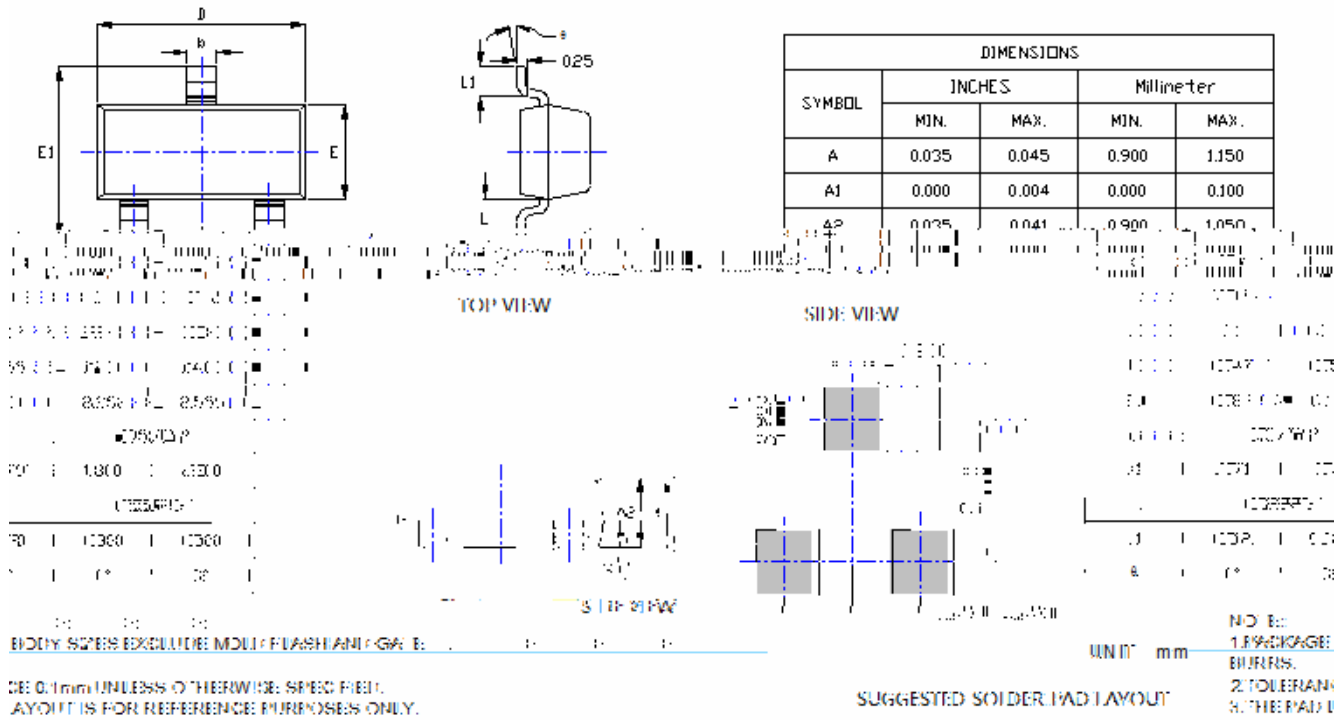
Fig.3: Power Derating Curve



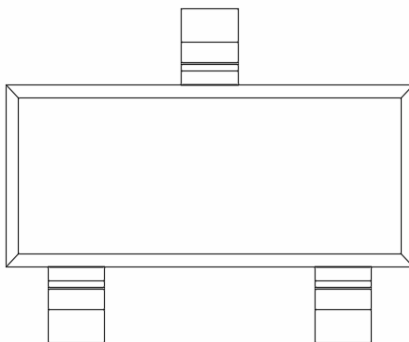


# ESD1202ETSQ

## Outline Dimensions



## Marking Information



**Note:**

1. All marking is at middle of the product body
2. All marking is in laser marking
3. Body color: Black



## ESD1202ETSQ

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### Disclaimer

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