



ESD1202ESQ

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

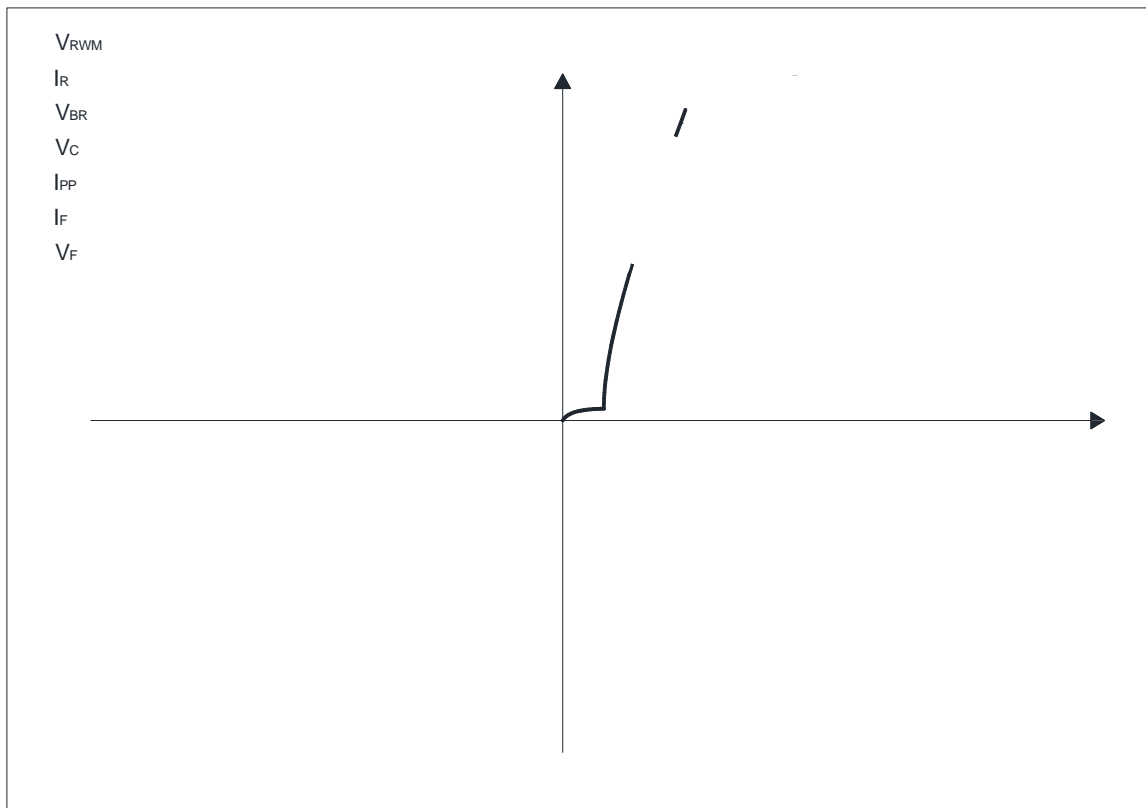
Package: SOT-23

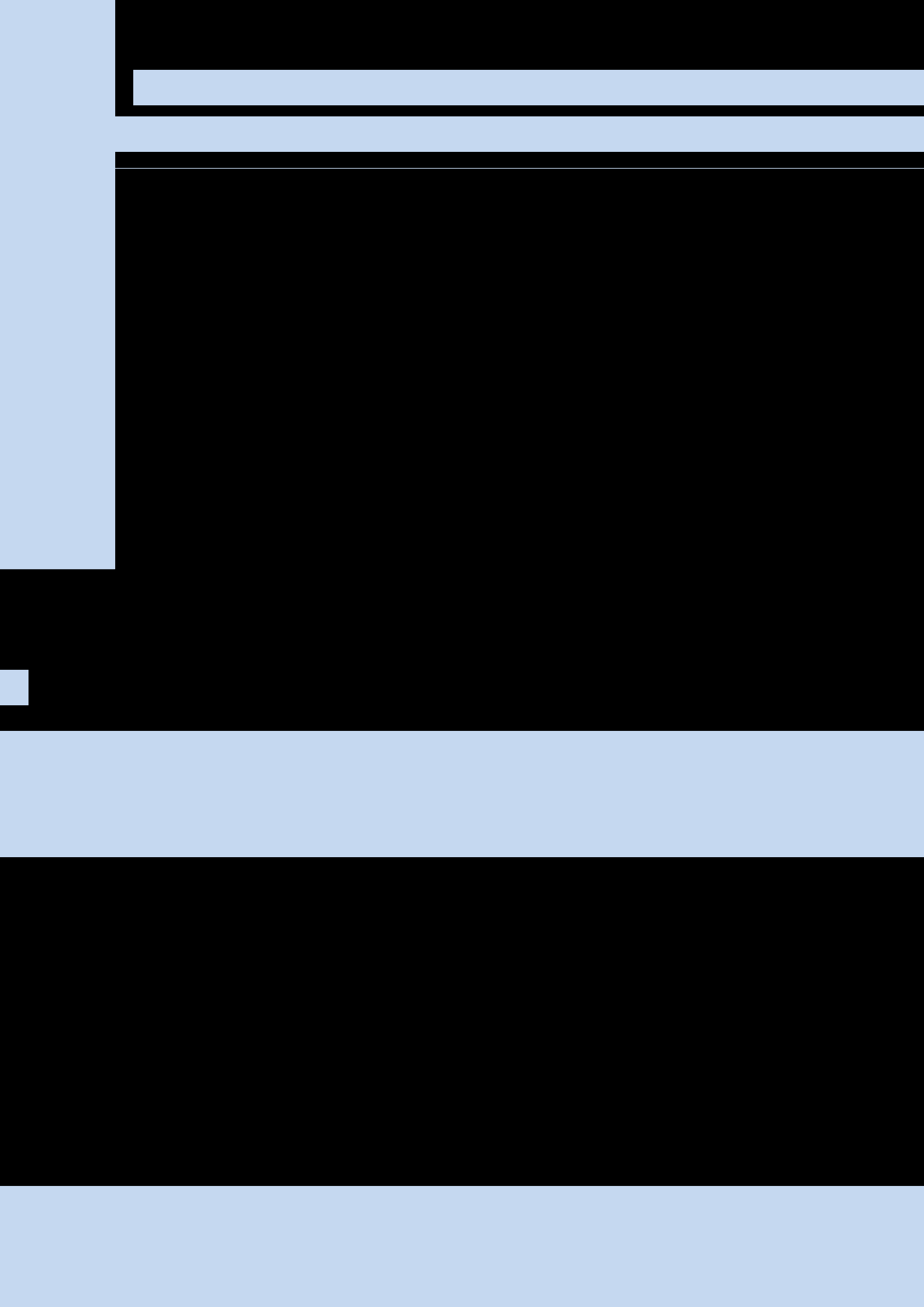
Lead Finish: Matte Tin

Case Material: "Green" Molding Compound

Moisture Sensitivity: Level 1 per J-STD-020

Definitions of electrical characteristics







Characteristics (Typical)

Fig.1: 8/20 μ s Pulse Waveform

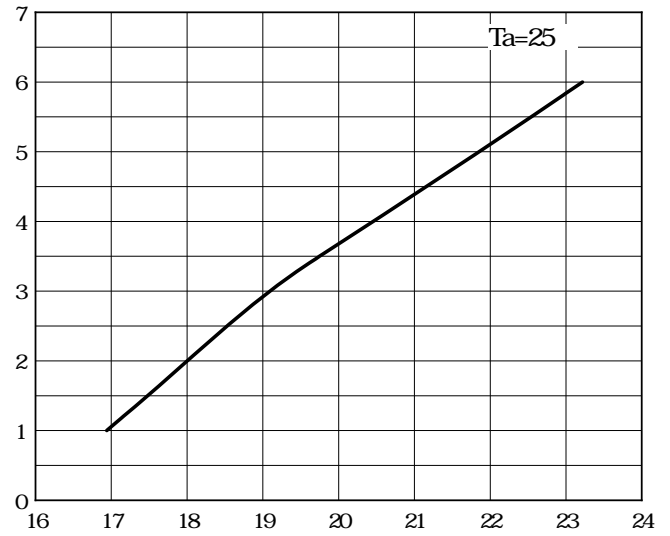
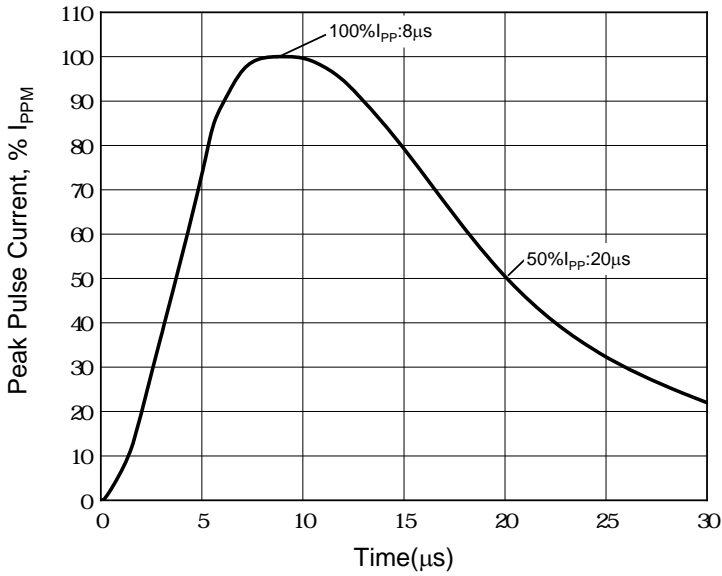
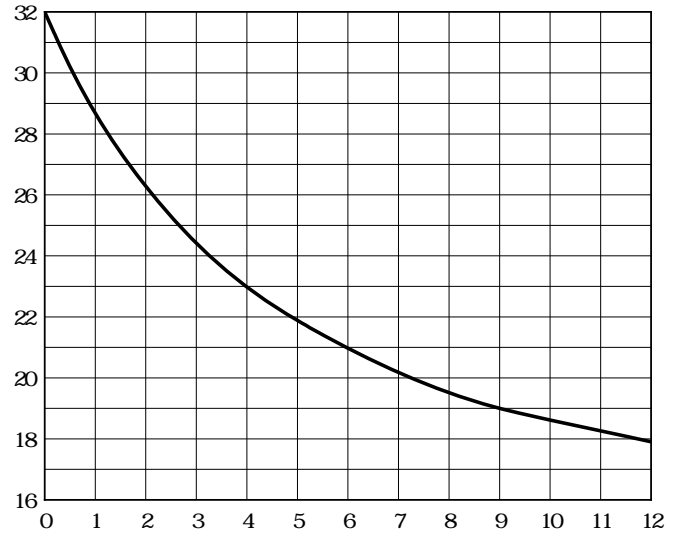
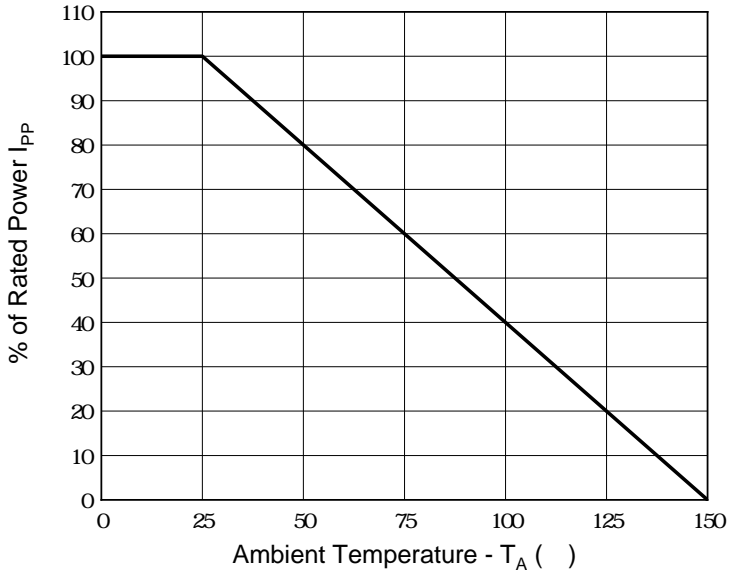


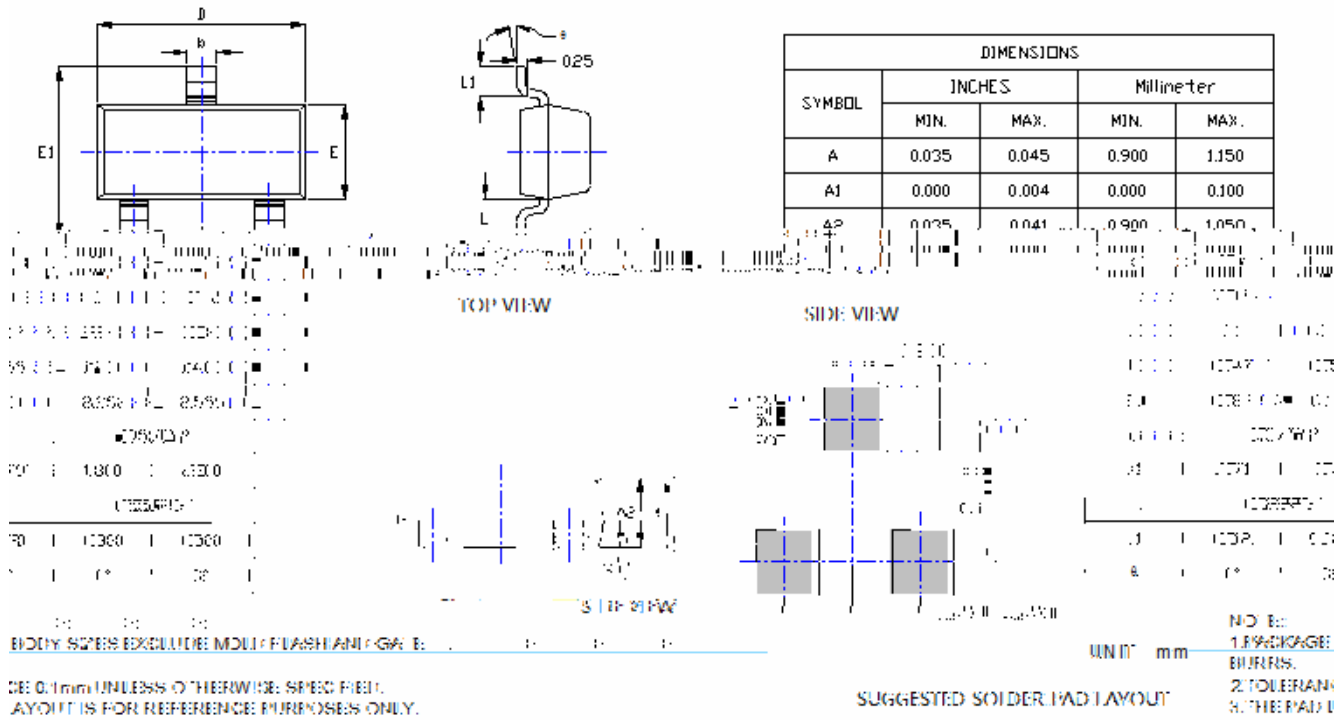
Fig.3: Power Derating Curve



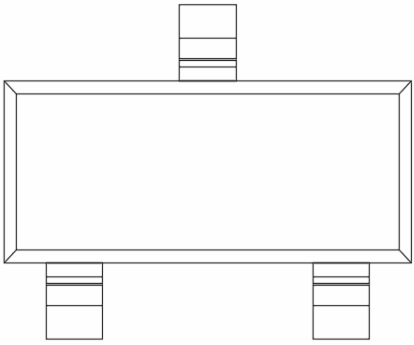


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Outline Dimensions



Marking Information



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



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Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with automotive electronics are not designed for use in medical, life-saving, lifesustaining, or military, Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

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