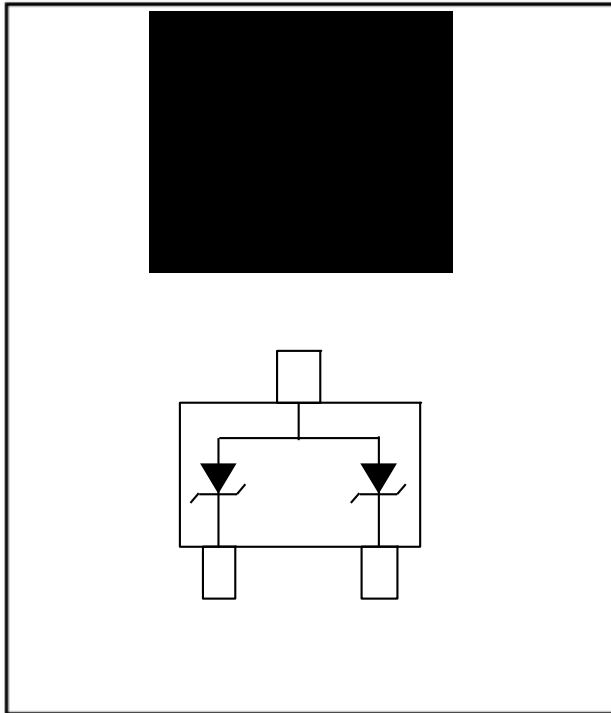


2- Line, Uni-directional, ESD protection diode



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

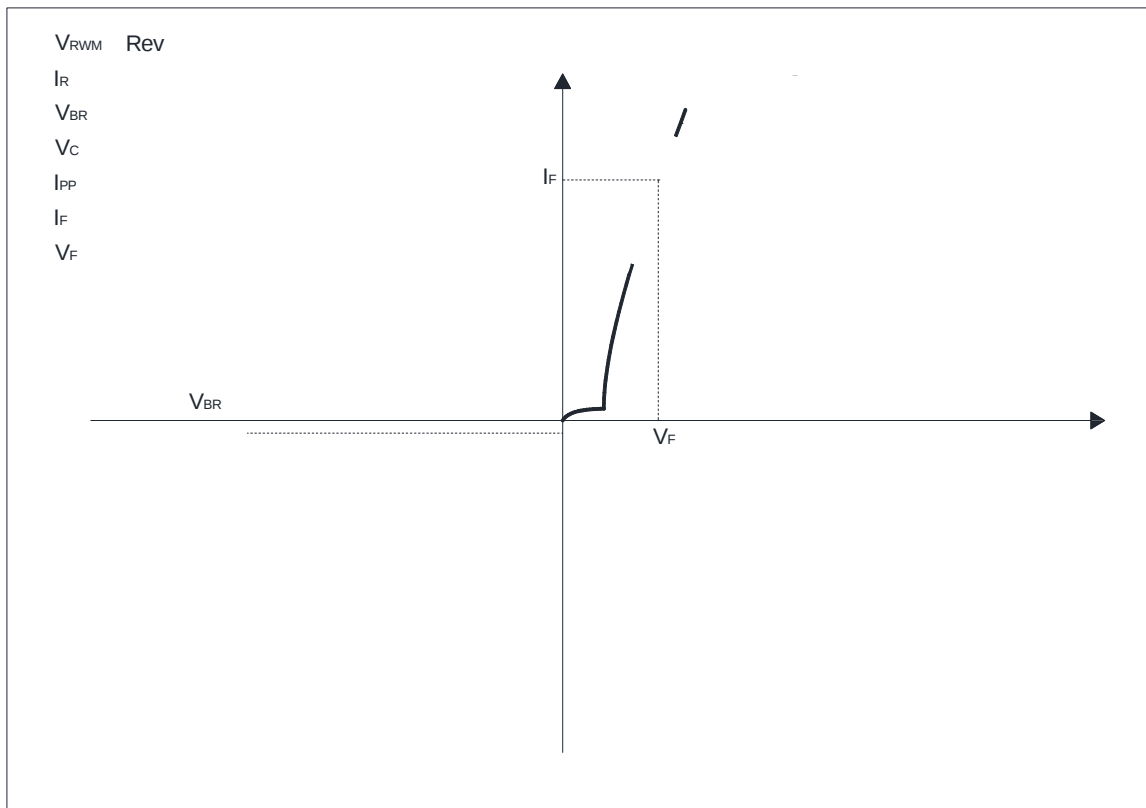
Applications

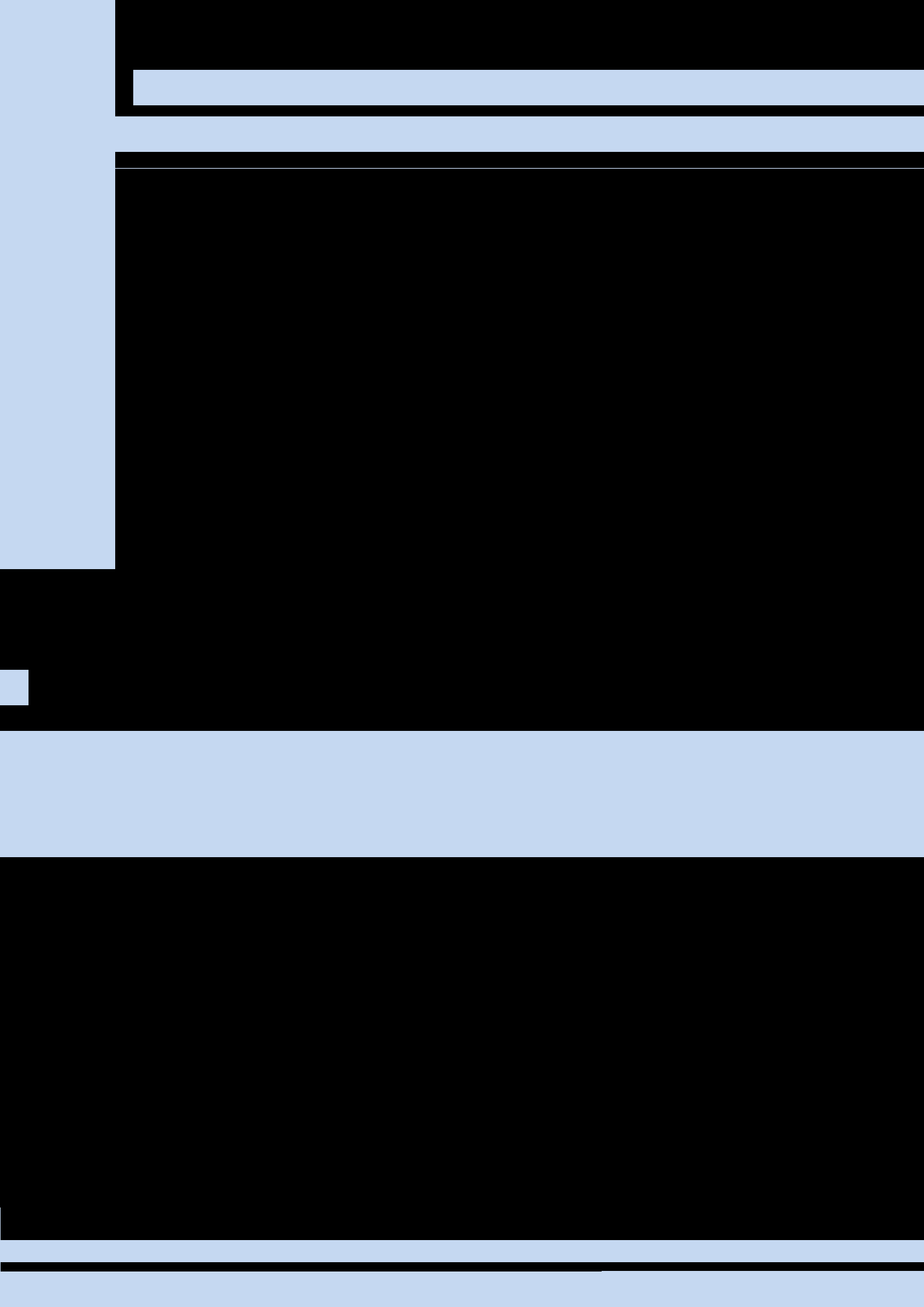
-
-
-
-

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

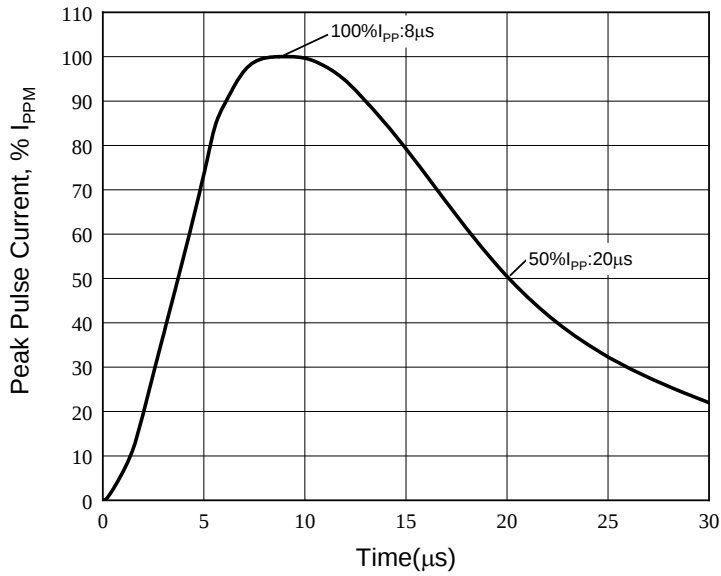


Fig.2: Peak Pulse Current vs Clamping Voltage

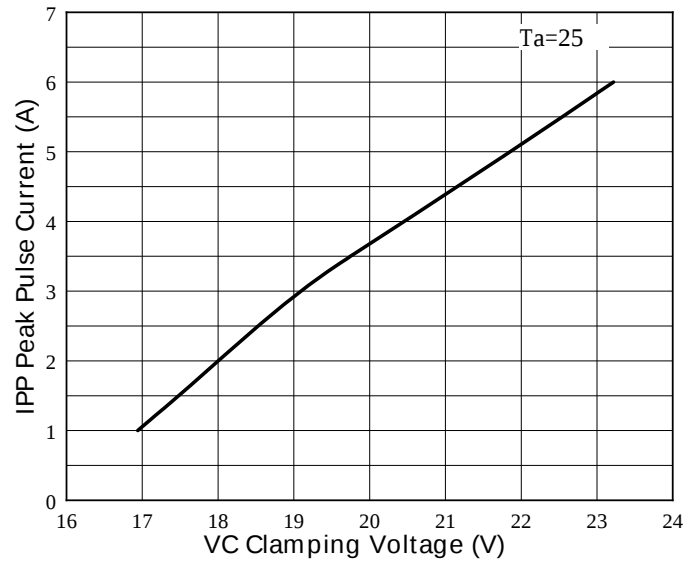


Fig.3: Power Derating Curve

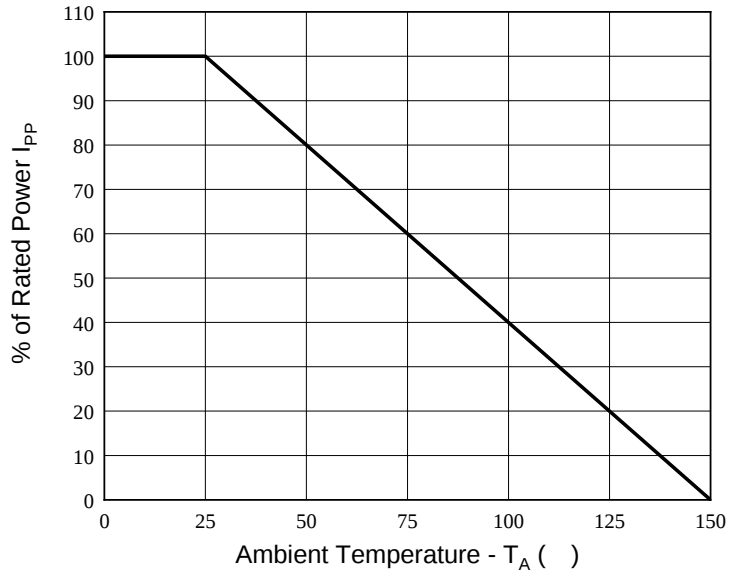
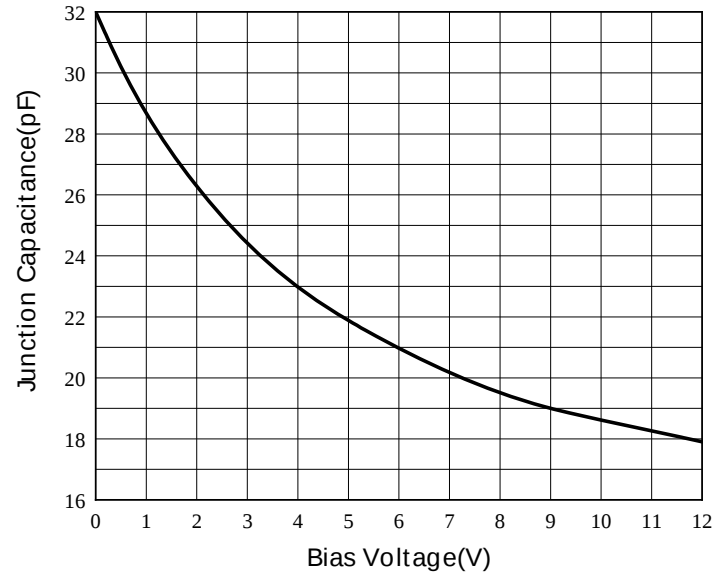


Fig.4: Capacitance Vs Bias



[illegible]

UNIT	mm	NO. OF 1. PACKAGE BOLTS.
DLAYOUT		2. TOLERANCE 3. THERMAL

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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