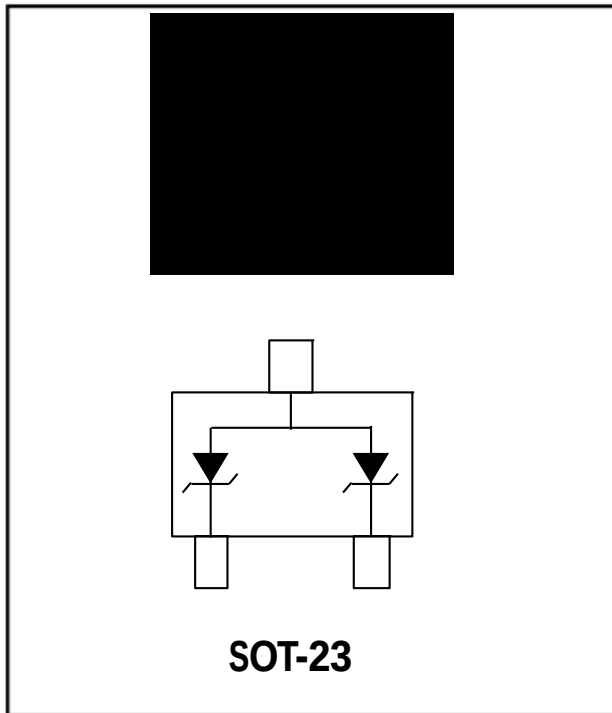


2- Line, Uni-directional, ESD protection diode



Features

- Transient protection for each line according to
IEC61000-4-2(ESD): $\pm 30\text{kV}$ contact, $\pm 30\text{kV}$ air
IEC61000-4-5:3A($t_p=8/20\mu\text{s}$)
- Low leakage current
- Ultra low clamping voltage
- RoHS Compliant
- Part no. with suffix "Q" means AEC-Q101 qualified

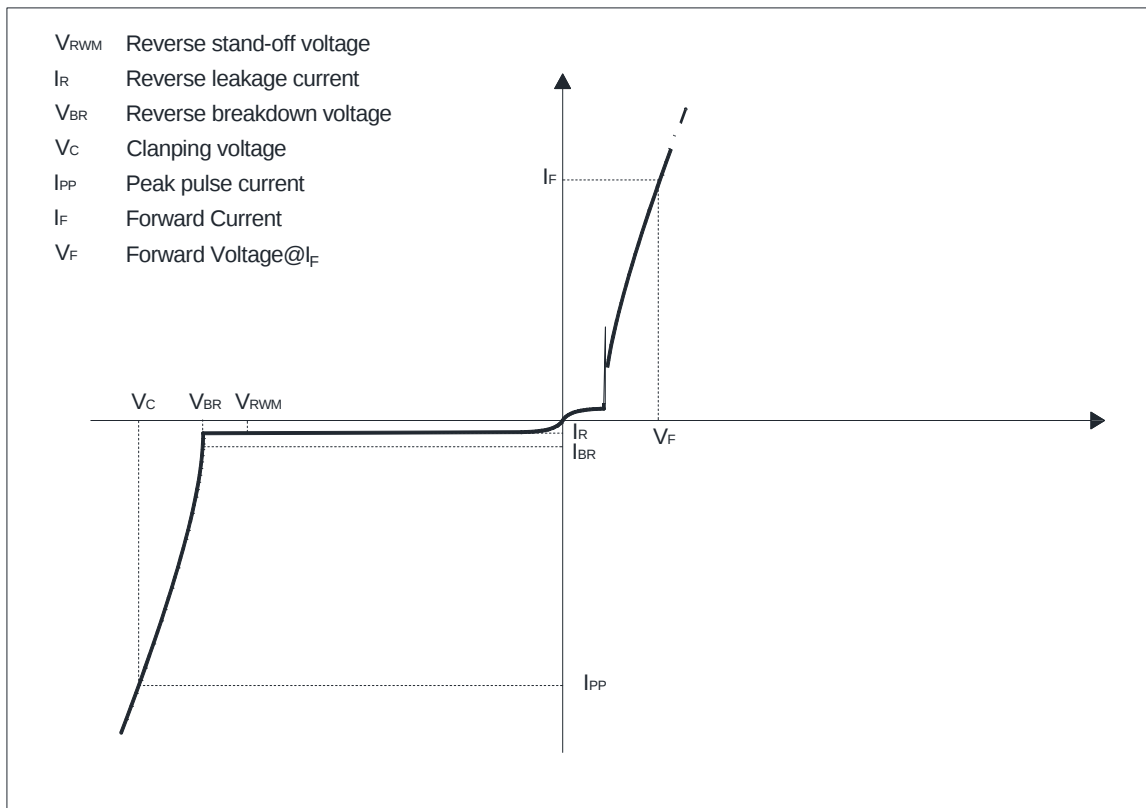
Applications

- Vehicle domain controller ,VCU electrostatic protection
- Electrostatic protection for automotive electronic multimedia interface
- CAN Bus protection
- Automotive 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)

[illegible]

SUGGESTED SOLDER PAD LAYOUT

NO. 100
1. PACKAGE
BUREAU.
2. TOLERANCE
3. THE PAID U

A line drawing of a rectangular table. In the center of the table's top surface is a small, square pedestal. This pedestal is composed of three stacked rectangular sections. The table has four legs, one at each corner. Each leg is also composed of three stacked rectangular sections. The entire drawing is a simple line art with no shading or color.

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