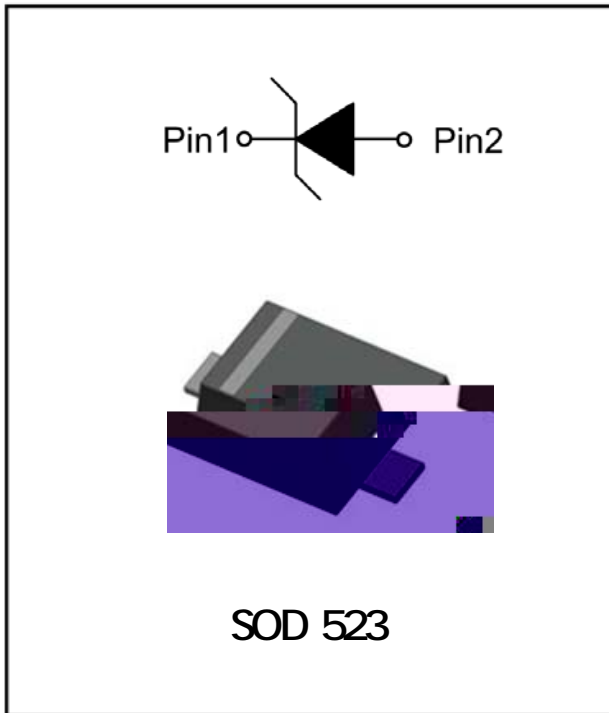


1- Line, Uni-directional, ESD protection diode



Features

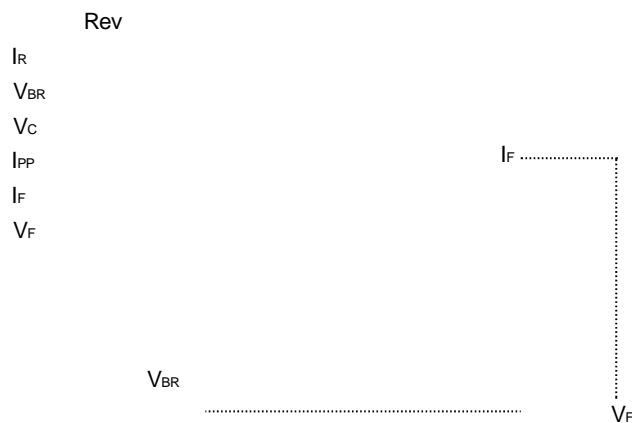
- Transient protection for each line according to
IEC61000-4-2(ESD): $\pm 30\text{kV}$ contact, $\pm 30\text{kV}$ air
IEC61000-4-5:7A ($t_p=820\mu\text{s}$)
- Low leakage current
- Ultra low clamping voltage
- RoHS Compliant
- Part no. with suffix "Q" means AEC-Q101 qualified

Applications

- Switches / Buttons
- Test Equipment/Instrumentation
- Point of Sale Terminals
- Medical Equipment
- Notebooks / Desktops / Servers
- Computer Peripherals
- CAN Bus protection
- Automotive applications

Mechanical Data

- Package: SOD-523
- Lead Finish: Matte Tin
- Case Material: "Green" Molding Compound





Characteristics (Typical)

Fig.2: Capacitance vs. Bias

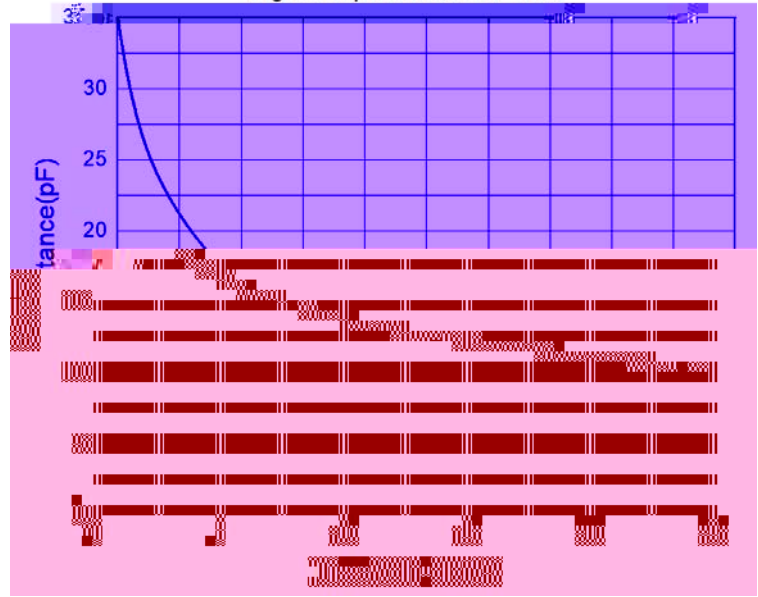
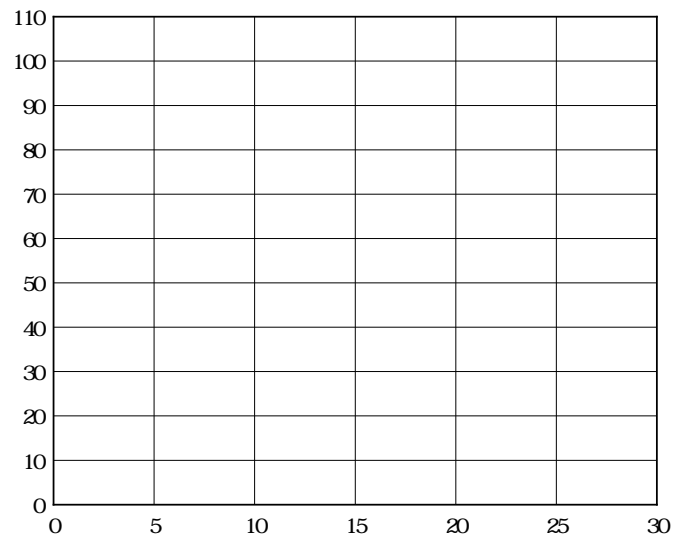
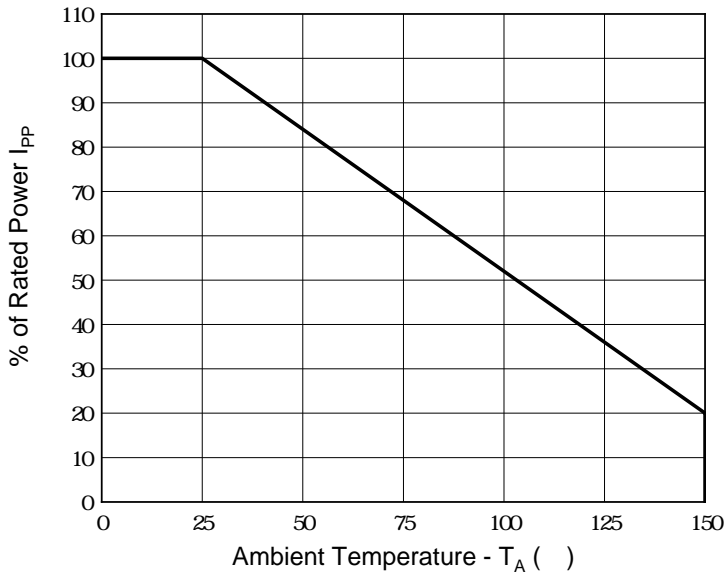


Fig.3: Power Derating Curve





Outline Dimensions

Marking Information

Note:

