



# STANDARD RECOVERY RECTIFIERS

## ESD CAPABILITY

- Oxide planar chip technology
- ESD capability
  - Provide class H3B (> 8 kV) performance based on the AEC-Q101-001 human body model (contact mode) and / or JESD22-A114, class 3B



Electrical Static Discharge (ESD)



Current range from 0.7 A to 20 A



Reverse voltage from 100 V to 600 V

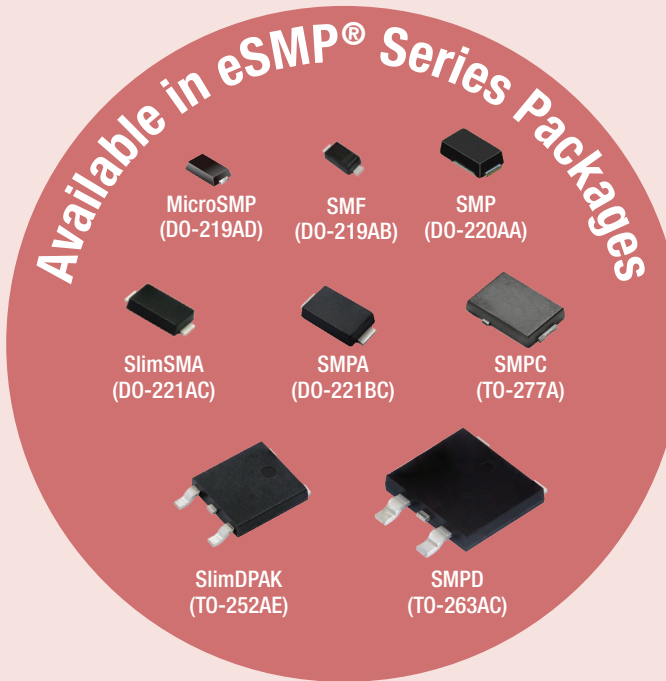
Maximum operating junction temperature of +175 °C



+175 °C



Low forward voltage drop, low leakage current



**AEC-Q101 qualified** products have undergone **part average testing (PAT)** and **statistical yield limit (SYL)** analysis to ensure their electrical parameters meet the **highest quality** level for **automotive** applications



AEC-Q101 Qualified

## AVAILABLE IN THE FOLLOWING eSMP® PACKAGE SERIES

- [MicroSMP \(DO-219AD\)](#)
- [SMF \(DO-219AB\)](#)
- [SMP \(DO-220AA\)](#)
- [SlimSMAW \(DO-221AD\)](#)
- [SlimSMA \(DO-221AC\)](#)
- [SMPA \(DO-221BC\)](#)
- [SMPC \(TO-277A\)](#)
- [SlimDPAK \(TO-252AE\)](#)
- [SlimDPAK 2L](#)
- [SMPD \(TO-263AC\)](#)
- [SMPD 2L](#)

## APPLICATIONS



AUTOMOTIVE



CONSUMER

- General purpose
- Polarity protection
- Rail to rail protection