



PLZ SERIES

Zener Diodes in MicroSMF (DO-219AC) eSMP® Series Package

500 mW power dissipation



Ultra compact MicroSMF (DO-219AC) flat lead package; low **< 0.6 mm** profile

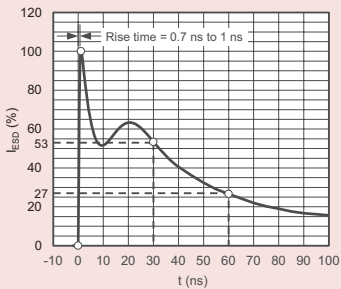
Extremely **tight tolerances** of **± 2.5 %**

COMPETITIVE ADVANTAGE

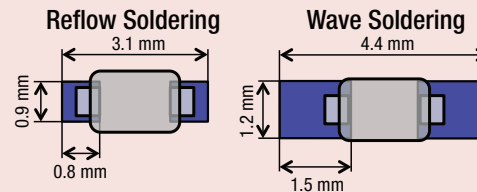
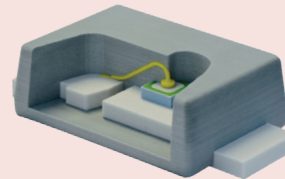
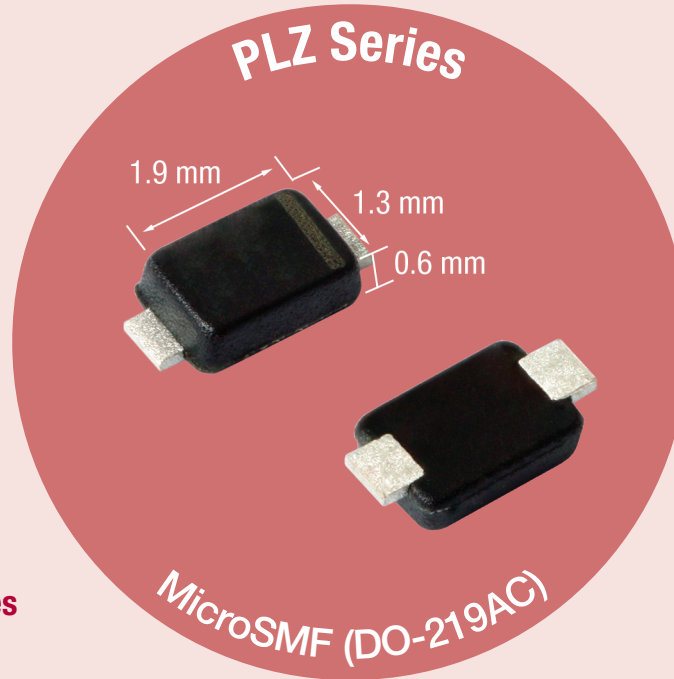
Combining extremely tight tolerances with **low leakage current** and **excellent stability**, the PLZ Series is designed to withstand **ESD pulses** of **8000 V** (human body model)

ESD / SURGE CAPABILITY

ESD Discharge Current



Peak Pulse Current



Datasheet: www.vishay.com/ppg?84830

For Technical Questions: DiodesAmericas@vishay.com, DiodesEurope@vishay.com, or DiodesAsia@vishay.com

Saves PCB space



Increases pick and place **speeds** on assembly lines

AEC-Q101 Qualified and Automotive Grade



APPLICATIONS

Voltage stabilization and reference voltage generation in power supplies and LED lighting



AUTOMOTIVE



TELECOM AND INDUSTRIAL



COMPUTERS



ELECTRONIC LIGHTING



SWITCHING POWER SUPPLIES

Primary Characteristics

V_Z range nom.	2.0 V to 39 V
Test current I_{ZT}	5 mA to 20 mA
V_Z specification	Pulse current
Int. construction	Single