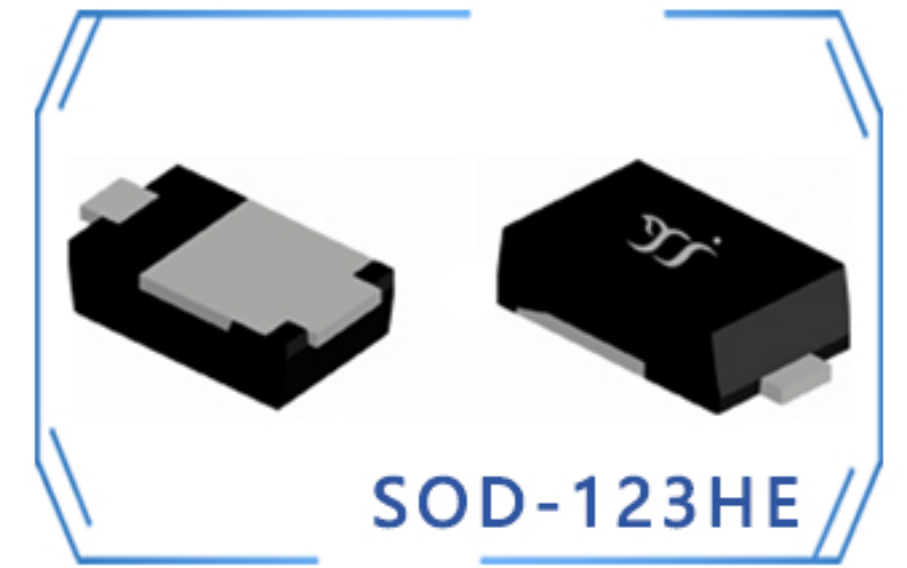


SOD-123HE SMD Type TVS Products

Product Introduction

- 1.Ultra-thin package, can be applied to miniaturized, thin circuit;
- 2.The metal cooling surface on the bottom of the package is large, heat dissipation performance is excellent;
3. It uses environmentally friendly materials, in line with RoHS standards;
4. Widely used in secondary rectifier circuit, converter, continuous current diode, AC/DC power supply protection;



Product Features

- 1.Excellent heat dissipation performance: the back Pad area is large, compared with the change of SOD-123FL/SMAF heat dissipation path, the original pin heat dissipation is changed to the back metal plate Pad heat dissipation, the metal heat dissipation area is increased by 150%, the instant heat dissipation performance is better, which makes it can withstand greater energy impact and have stronger lightning strike ability
2. Thin package shape: thinner than SOD-123FL package, 20% lower than SOD-123FL package thickness, 30% lower than SMAF body thickness, 20% shorter length, body thickness thinning to meet the development trend of thin packaging



Electrical parameters

Series		Peak power dissipation@10/1000 μ s waveform	Working Peak Reverse Voltage VRWM (V)	Maximum Reverse Surge Current IPP@10/1000 μ s waveform (A)	Maximum Clamping Voltage Vc@10/1000 μ s waveform (V)	Package
SMFE Series	Uni	200W	5.0-100	1.23-21.74	9.2-162	SOD-123HE
SM4FE Series	Uni	400W	5.0-100	2.46-43.38		SOD-123HE

Please refer to the official website for more details

Application



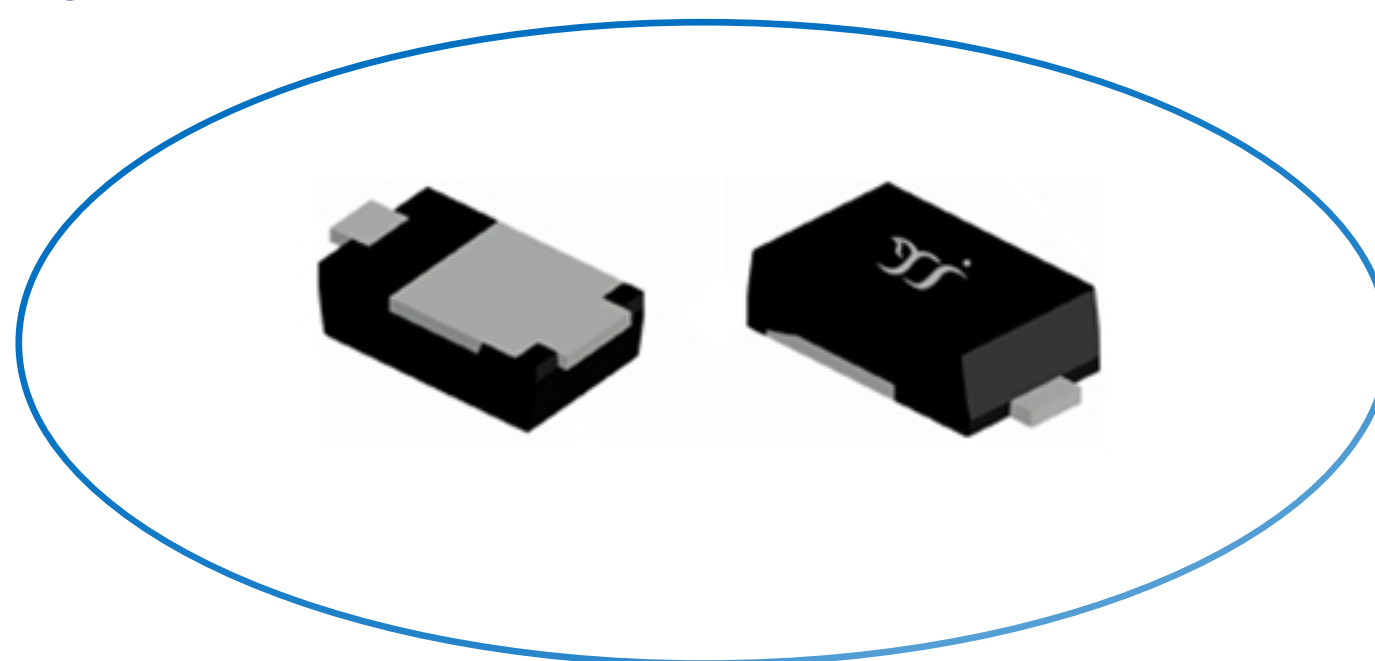
Security System



Home Appliances



Digital Products



Notebook



Smart Home