# SSL545B SMB

**Surface Mount Schottky Barrier Rectifier**

**Reverse Voltage - 45V**

**Forward Current - 5 A**





**DO-214AA/SMB**

## FEATURES

Metal silicon junction, majority carrier conduction

For surface mounted applications

Low power loss, high efficiency

High forward surge current capability

**SSL545B** **YFW SSL545**

DO-214AA

**SSL545B**

Fig.2 Typical Reverse Characteristics

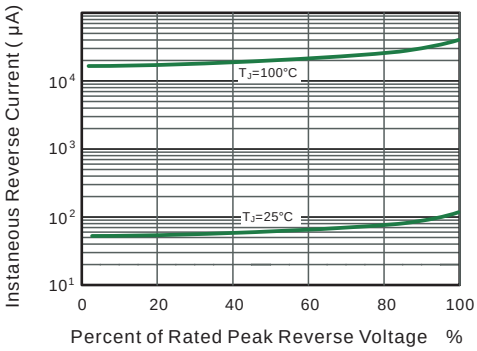



Fig.3 Typical Forward Characteristic

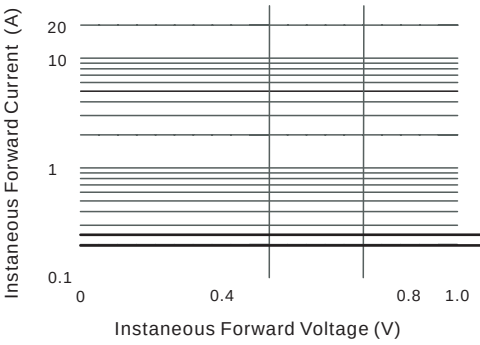



Fig.4 Typical Junction Capacitance

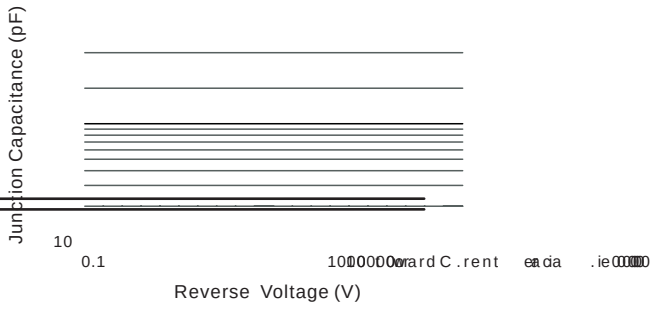
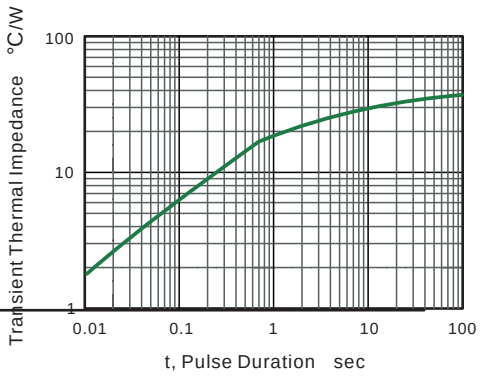
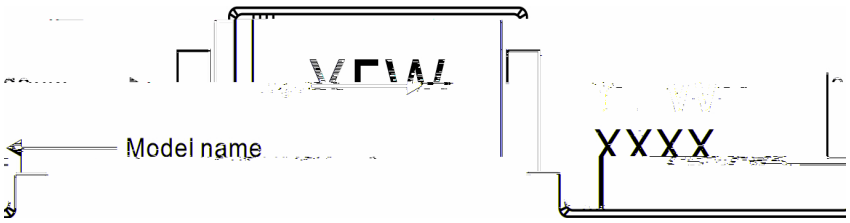



Fig.6- Typical Transient Thermal Impedance



## Marking Diagram

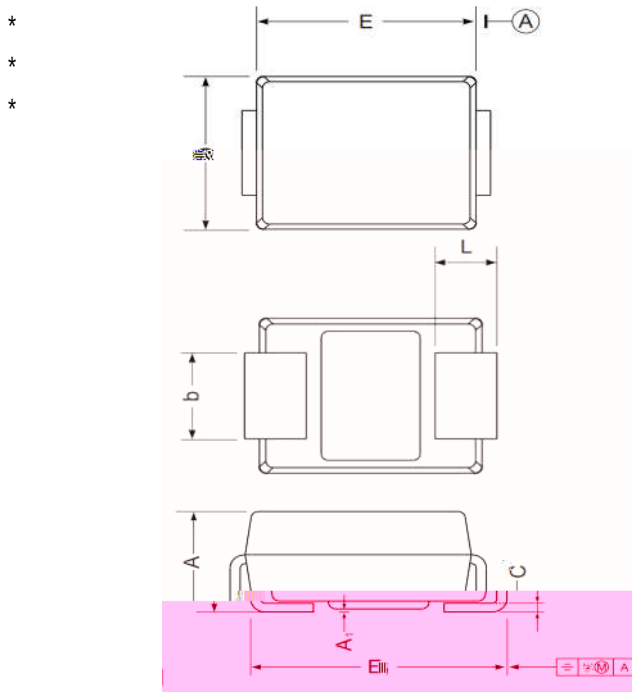



## Ordering information

| Package | Packing Description | Packing Quantity |
|---|---|---|
| DO-214AA SMB | !"#!!$%&'()!!$* | '+++,-."#!!$*'++++,-."- )/01* |

## Package Dimensions

### DO-214AA SMB




| Dim. | Millimeter(mm) | | mil | |
|---|---|---|---|---|
| | Min.* | Max. | Min. | Max.* |
| 2* | 34&'* | 3455* | 65* | 78* |
| 9* | 54+8* | 54:+* | &8+* | &6;* |
| <** | '4'* | '475* | &'+* | &;;* |
| 9&* | ;4+6* | ;4;7* | 3++* | 33+* |
| 2&* | +4+;* | +43+* | 34+* | :47* |
| =* | +46* | &4;* | '3* | ;7* |
| -* | +4&;3* | +4'+;* | 8* | &3* |
| >* | &47* | 343* | :;* | 6:* |

## The recommended mounting pad size

