



## SOCAY 60VRRM Schottky Diode SS26B Surface Mount Schottky Barrier Rectifiers

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS26B
- Minimum Order Quantity: 3000PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



### Product Specification

- Name: Schottky Diode
- SS26B Package: DO-214AA(SMB)
- SS26B Max. VRRM: 60V
- SS26B Max. VRMS: 42V
- SBD Max. VDC: 60V
- RθJL: 12 /W
- SS26B IR @25 : 0.09mA
- SS26B IR @100 : 20mA
- Highlight: **Surface Mount Schottky Barrier Rectifiers, Schottky Diode SS26B, SS26B**

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## Product Description

### SOCAY 60VRRM Schottky Diode SS26B Surface Mount Schottky Barrier Rectifiers

Schottky Diode DATASHEET: [SS22B~SS220B\(SMB\)\\_v93.1.pdf](#)

#### Schottky Diode SS26B Characteristic:

Schottky Diode Plastic package has Underwriters Laboratory Flammability Classification UL94V-0.  
Suitable for surface mounted applications in order to optimize board space.  
SS26B Schottky Diode has low power loss, High efficiency.  
Schottky Diode SS26B which VRRM is 60V has High surge capacity.  
Lead free in compliance with EU RoHS 2.0.  
SS26B Green molding compound as per IEC 61249 standard.

#### Mechanical Data of Schottky Diode SS26B:

Schottky Diode Case: DO-214AA/SMB.  
SS26B Terminals: Solder plated, solderable per MIL-STD-750, Method 2026.  
Approximate Weight: 0.092 grams.  
SS26B Polarity: Color band denotes cathode end.  
Schottky Diode SS26B Standard packaging: 12mm tape (EIA-481).

#### Schottky Diode SS26B Electrical and Thermal Characteristics ( $T_A=25$ unless otherwise noted):

| Parameter                                                                          | Symbol | SS26B  | Unit    |
|------------------------------------------------------------------------------------|--------|--------|---------|
| Max. Repetitive Peak Reverse Voltage                                               | VRRM   | 60     | V       |
| Schottky Diode Max. RMS Voltage                                                    | VRMS   | 42     | V       |
| Schottky Diode Max. DC Blocking Voltage                                            | VDC    | 60     | V       |
| Max. Average Forward Rectified Current                                             | IF(AV) | 2      | A       |
| Peak Forward Surge Current : 8.3ms Single Half Sinewave Superimposed on Rated Load | IFSM   | 50     | A       |
| Schottky Diode Maximum Forward Voltage at 2A per Diode (Note 1)                    | VF     | 0.7    | V       |
| Schottky Diode Maximum DC Reverse Current at Rated DC Blocking Voltage             | TJ=25  | IR     | 0.09 mA |
|                                                                                    | TJ=100 |        | 20      |
| Schottky Diode Typical Thermal Resistance                                          | RθJL   | 12     | /W      |
| Operating Junction Temperature Range and Storage Temperature Range                 | TJ,    | -55 to |         |
|                                                                                    | TSTG   | +150   |         |

#### Schottky Diode SS26B Rating and Characteristic Curves:

Fig1. Typical Forward Characteristics:

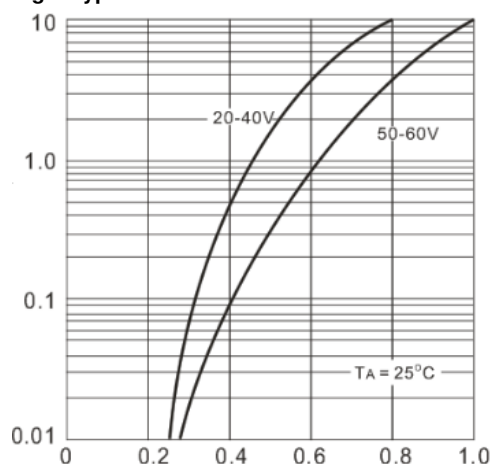
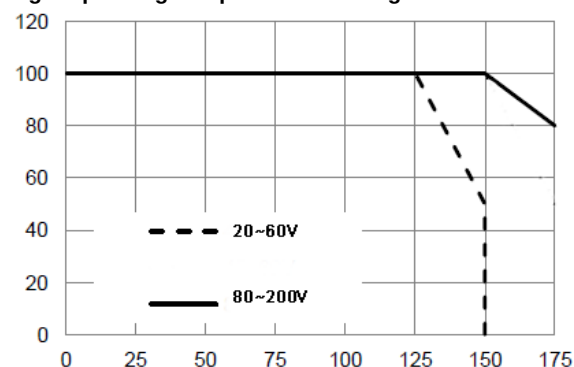
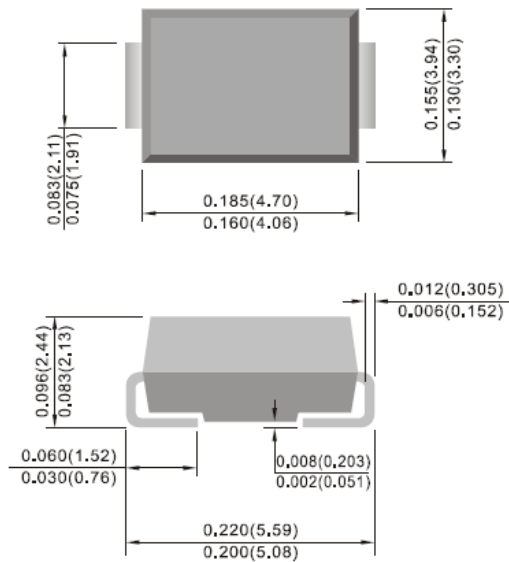


Fig2. Operating Temperature Derating Curve:



**SMB Package Dimensions of Schottky Diode SS26B:**  
(Unit:inch(mm))



**Packaging Information of Schottky Diode SS26B:**

| Part Number | Component Package | Quantity | Packaging Option     |
|-------------|-------------------|----------|----------------------|
| SS26B       | SMB/DO-214AA      | 3000 PCS | per 13" plastic Reel |
|             |                   | 800 PCS  | per 7" plastic Reel  |



