

# SS52BMA~SS520BMA

Rev.A Nov.-2024



蓝箭电子  
BLUE ROCKET ELECTRONICS

DATA SHEET

20V~200V

5.0A SMB

Surface Mount Schottky Barrier Rectifiers, Reverse Voltage 20 to 200V ,Forward Current:5.0A ,SMB package.

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| Parameter                                                                                        | Symbol     | Rating      |             |             |             |              |              |              |              | Unit |
|--------------------------------------------------------------------------------------------------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|------|
|                                                                                                  |            | SS52<br>BMA | SS54<br>BMA | SS56<br>BMA | SS58<br>BMA | SS510<br>BMA | SS512<br>BMA | SS515<br>BMA | SS520<br>BMA |      |
| Maximum Repetitive Peak Reverse Voltage                                                          | $V_{RRM}$  | 20          | 40          | 60          | 80          | 100          | 120          | 150          | 200          | V    |
| Maximum RMS voltage                                                                              | $V_{RMS}$  | 14          | 28          | 42          | 56          | 70           | 84           | 105          | 140          | V    |
| Maximum DC Blocking Voltage                                                                      | $V_{DC}$   | 20          | 40          | 60          | 80          | 100          | 120          | 150          | 200          | V    |
| Maximum Average Forward Rectified Current @ Fig.1                                                | $I_{F AV}$ | 5.0         |             |             |             |              |              |              |              | A    |
| Peak Forward Surge Current,8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method) | $I_{FSM}$  | 100         |             |             |             |              |              |              |              | A    |
| Peak Forward Surge Current,1.0ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method) | $I_{FSM}$  | 200         |             |             |             |              |              |              |              | A    |

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Note:  
9 9 ' y Product Type Code  
\*\*\*\* y      Lot No. Code, code change with Lot No

Marking

| Type number | Marking code |
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