



| TYPE No. | Max. Peak Reverse Voltage | Max. Reverse Recovery Time | Max. Average Rectified Current | Max. Peak Forward Surge Current | Max. Reverse Leakage Current | Max. Forward Voltage |                 | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">           Package Outline Drawing No. Please refer to Page: 131~139         </div> |
|----------|---------------------------|----------------------------|--------------------------------|---------------------------------|------------------------------|----------------------|-----------------|---|
|          | PRV                       | *Trr                       | I <sub>O</sub>                 | I <sub>FSM</sub>                | I <sub>R</sub>               | V <sub>FM</sub>      | I <sub>FM</sub> |   |
|          | V                         | nS                         | A                              | A                               | μA <sub>dc</sub>             | V                    | A               |   |

NOTE: \* Trr Test Conditions: I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1.0A, Recover to 0.25A.


### 1.0 Ampere

|      |     |    |     |    |      |      |     |                   |   |  |  |      |
|------|-----|----|-----|----|------|------|-----|-------------------|---|--|--|------|
| SF11 | 50  | 35 | 1.0 | 30 | 5.0  | 0.95 | 1.0 | DO-41<br>(No.: 3) |  |  |  |      |
| SF12 | 100 |    |     |    |      |      |     |                   |   |  |  |      |
| SF13 | 150 |    |     |    |      |      |     |                   |   |  |  |      |
| SF14 | 200 |    |     |    |      |      |     |                   |   |  |  |      |
| SF15 | 300 |    |     |    |      |      |     |                   |   |  |  | 1.40 |
| SF16 | 400 |    |     |    |      |      |     |                   |   |  |  |      |
| SF18 | 600 |    |     |    | 1.85 |      |     |                   |   |  |  |      |


### 2.0 Amperes

|      |     |    |     |    |      |      |     |                   |   |  |  |      |
|------|-----|----|-----|----|------|------|-----|-------------------|---|--|--|------|
| SF21 | 50  | 35 | 2.0 | 50 | 5.0  | 0.95 | 2.0 | DO-15<br>(No.: 4) |  |  |  |      |
| SF22 | 100 |    |     |    |      |      |     |                   |   |  |  |      |
| SF23 | 150 |    |     |    |      |      |     |                   |   |  |  |      |
| SF24 | 200 |    |     |    |      |      |     |                   |   |  |  |      |
| SF25 | 300 |    |     |    |      |      |     |                   |   |  |  | 1.40 |
| SF26 | 400 |    |     |    |      |      |     |                   |   |  |  |      |
| SF28 | 600 |    |     |    | 1.85 |      |     |                   |   |  |  |      |

### 3.0 Amperes

|      |     |    |     |    |      |      |     |                   |   |  |  |      |
|------|-----|----|-----|----|------|------|-----|-------------------|---|--|--|------|
| SF31 | 50  | 35 | 3.0 | 80 | 5.0  | 0.95 | 3.0 | DO-27<br>(No.: 5) |  |  |  |      |
| SF32 | 100 |    |     |    |      |      |     |                   |   |  |  |      |
| SF33 | 150 |    |     |    |      |      |     |                   |   |  |  |      |
| SF34 | 200 |    |     |    |      |      |     |                   |   |  |  |      |
| SF35 | 300 |    |     |    |      |      |     |                   |   |  |  | 1.40 |
| SF36 | 400 |    |     |    |      |      |     |                   |   |  |  |      |
| SF38 | 600 |    |     |    | 1.85 |      |     |                   |   |  |  |      |

### 5.0 Amperes

|      |     |    |     |     |      |      |     |                   |   |  |  |      |
|------|-----|----|-----|-----|------|------|-----|-------------------|---|--|--|------|
| SF51 | 50  | 35 | 5.0 | 150 | 5.0  | 0.95 | 5.0 | DO-27<br>(No.: 5) |  |  |  |      |
| SF52 | 100 |    |     |     |      |      |     |                   |   |  |  |      |
| SF53 | 150 |    |     |     |      |      |     |                   |   |  |  |      |
| SF54 | 200 |    |     |     |      |      |     |                   |   |  |  |      |
| SF55 | 300 |    |     |     |      |      |     |                   |   |  |  | 1.40 |
| SF56 | 400 |    |     |     |      |      |     |                   |   |  |  |      |
| SF58 | 600 |    |     |     | 1.85 |      |     |                   |   |  |  |      |