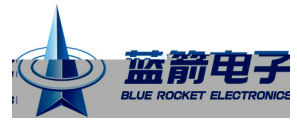


**US1AB~US1MB**



**DATA SHEET**

50V~1000V

1.0A SMB

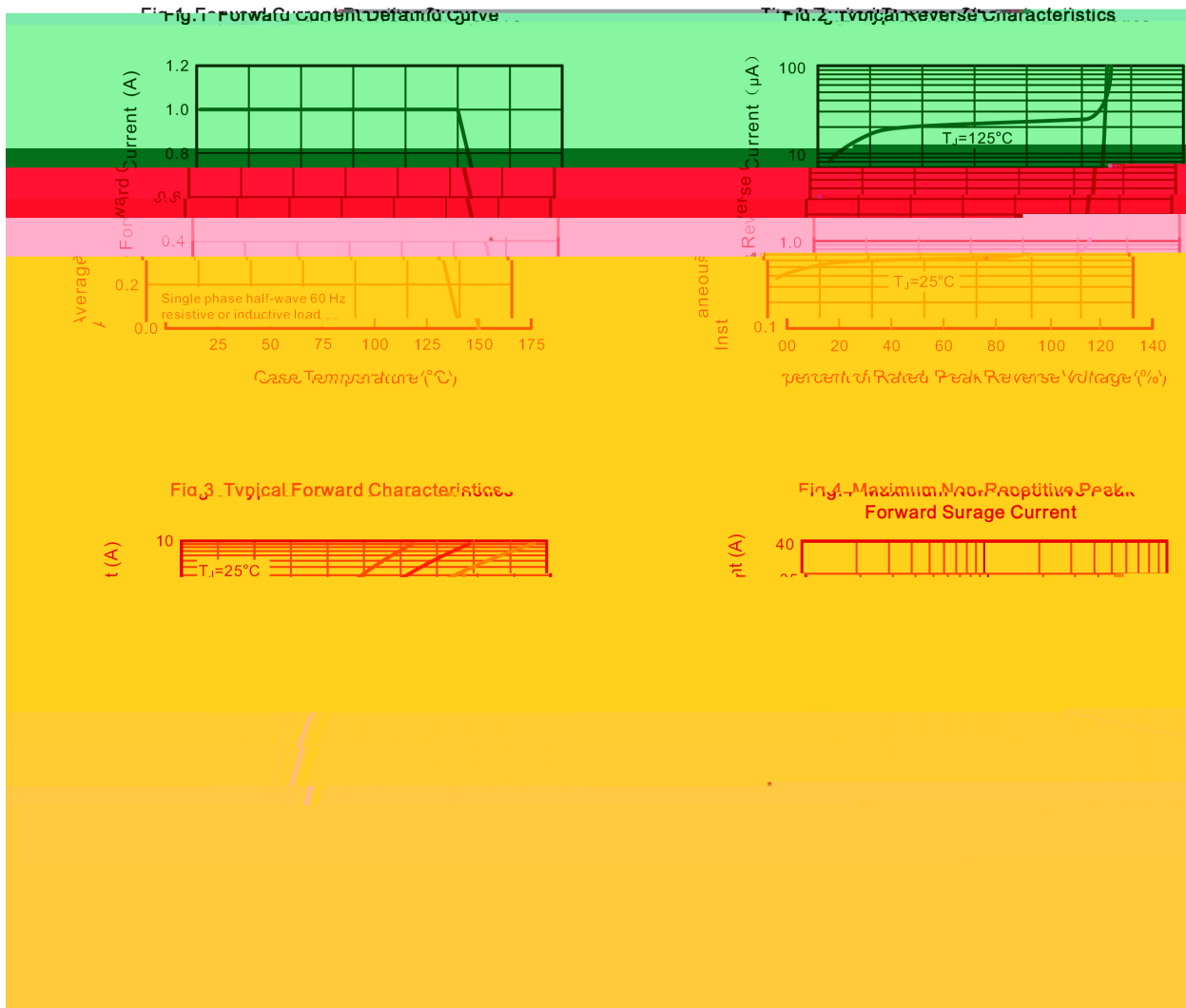
/ Absolute Maximum Ratings(Ta=25 )

|  |  |  |  |  |  |  |  |  |   |
|--|--|--|--|--|--|--|--|--|---|
|  |  |  |  |  |  |  |  |  |   |
|  |  |  |  |  |  |  |  |  |   |
|  |  |  |  |  |  |  |  |  |   |
|  |  |  |  |  |  |  |  |  |   |
|  |  |  |  |  |  |  |  |  |   |
|  |  |  |  |  |  |  |  |  |   |
|  |  |  |  |  |  |  |  |  |   |
|  |  |  |  |  |  |  |  |  | ℃ |
|  |  |  |  |  |  |  |  |  | ℃ |

/ Electrical Characteristics(Ta=25 )

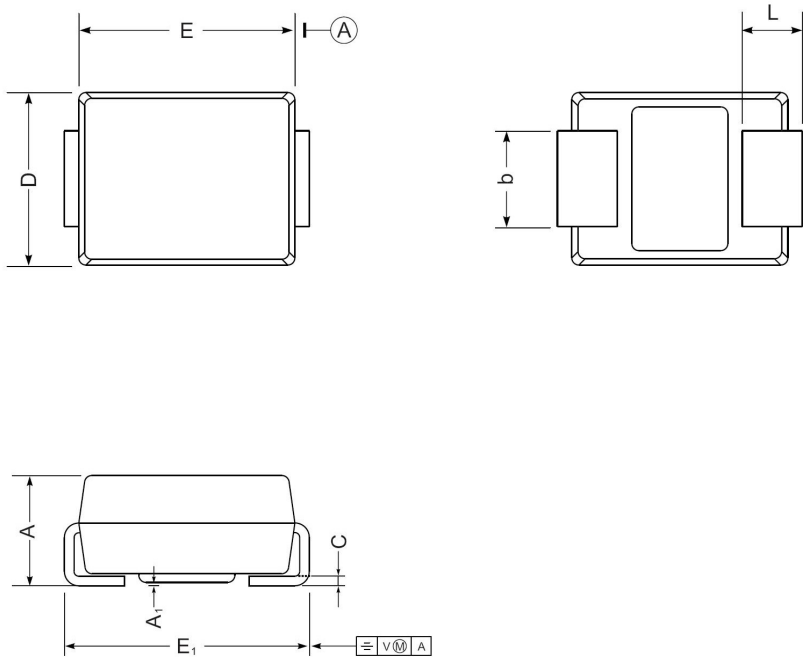
|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

## / Electrical Characteristic Curve



/ Package Dimensions

SMB



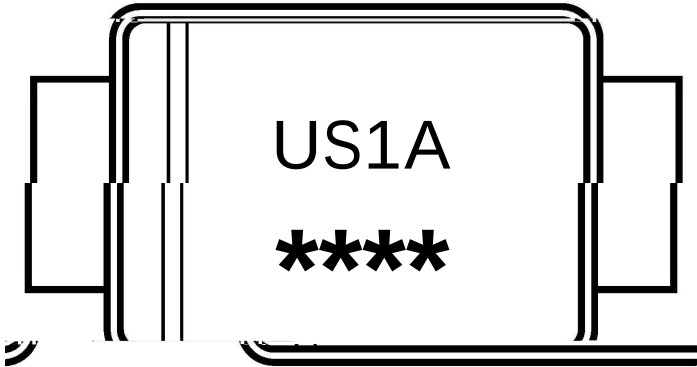
SMB mechanical data

| UNIT |     | A    | E    | D    | E <sub>1</sub> | A <sub>1</sub> | L    | C     | b    |
|------|-----|------|------|------|----------------|----------------|------|-------|------|
| mm   | max | 2.44 | 4.70 | 3.34 | 5.39           | 0.20           | 1.50 | 0.305 | 2.22 |
|      | min | 2.13 | 4.06 | 3.3  | 5.08           | 0.05           | 0.8  | 0.152 | 1.9  |
| mil  | max | 96   | 185  | 155  | 220            | 7.9            | 59   | 12    | 87   |
|      | min | 84   | 160  | 130  | 200            | 2.0            | 32   | 6     | 75   |

## Marking

| Type number | Marking code |
|-------------|--------------|
| US1AB       | US1A         |
| US1BB       | US1B         |
| US1DB       | US1D         |
| US1GB       | US1G         |
| US1JB       | US1J         |
| US1KB       | US1K         |
| US1MB       | US1M         |

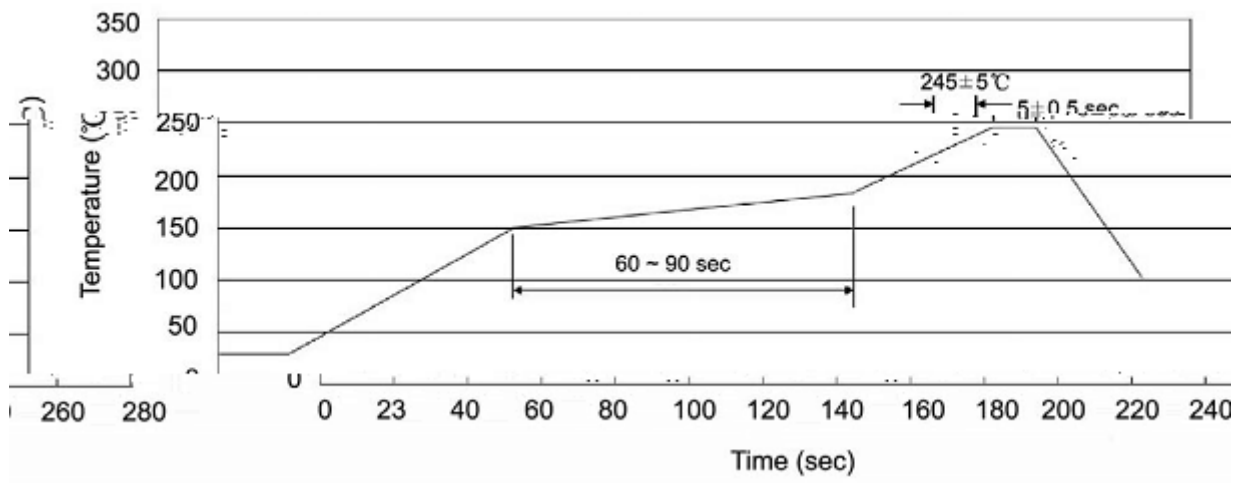
/ Marking Instructions



|       |   |   |     |
|-------|---|---|-----|
| US1A  |   |   |     |
| ***** | 1 | * | 3 * |

|       |   |  |   |
|-------|---|--|---|
| US1A  |   |  |   |
| ***** | * |  | * |

(     ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± ± ±

/ Packaging SPEC.

| 封装形式 | 包装数量               |                         |                        |                              |                        | 包装尺寸 |             |             |
|------|--------------------|-------------------------|------------------------|------------------------------|------------------------|------|-------------|-------------|
|      | Units/Reel<br>只/卷盘 | Reels/Inner Box<br>卷盘/盒 | Units/Inner Box<br>只/盒 | Inner Boxes/Outer Box<br>盒/箱 | Units/Outer Box<br>只/箱 | Reel | Inner Box 盒 | Outer Box 箱 |
|      |                    |                         |                        |                              |                        |      |             |             |

/ Notices