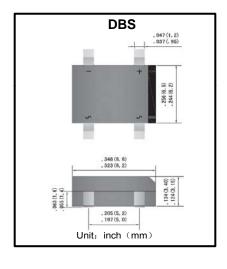
表面安装桥式整流器 反向电压 50---1000V 正向电流 1.5A Surface Mount Bridge-Rectifier
Reverse Voltage 50 to 1000V
Forward Current 1.5 A



## 特征 Features

- 高电流浪涌承受能力 High surge current Capability
- 高温焊接保证High tempererature soldering guaranteed: 260℃/10 秒 260℃/10 seconds
- 引线和管体皆符合RoHS标准。 Lead and body according with RoHS standard

## 机械数据 Mechanical Data

·封装: 塑料封装 Case: Molded Plastic

·极性: 标记模压或印于本体 Polarity: Symbols molded or marked on body

·安装位置: 任意 Mounting Position: Any

极限值和温度特性 TA = 25℃ 除非另有规定。

Maximum Ratings & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

|   | 符号<br>Symbols      | DB151S   | DB152S | DB153S | DB154S | DB155S | DB156S | DB157S | 单位<br>Unit           |
|---|--------------------|----------|--------|--------|--------|--------|--------|--------|----------------------|
| 最大可重复峰值反向电压<br>Maximum repetitive peak reverse voltage                          | $V_{RRM}$          | 50       | 100    | 200    | 400    | 600    | 800    | 1000   | V                    |
| 最大均方根电压<br>Maximum RMS voltage  | V <sub>RMS</sub>   | 35       | 70     | 140    | 280    | 420    | 560    | 700    | V                    |
| 最大直流阻断电压<br>Maximum DC blocking voltage   | $V_{DC}$           | 50       | 100    | 200    | 400    | 600    | 800    | 1000   | V                    |
| 最大正向平均整流电流 TC =100℃<br>Maximum average forward rectified current                | I <sub>F(AV)</sub> | 1.5      |        |        |        |        |        | А      |                      |
| 峰值正向浪涌电流 8.3ms单一正弦半波<br>Peak forward surge current 8.3 ms single half sine-wave | I <sub>FSM</sub>   | 50       |        |        |        |        |        |        | А                    |
| 典型热阻 Typical thermal resistance   | R <sub>θJA</sub>   | 40       |        |        |        |        |        |        | °C/W                 |
| 工作结温和存储温度<br>Operating junction and storage temperature range                   | Tj, TSTG           | -55 +150 |        |        |        |        |        |        | $^{\circ}\mathbb{C}$ |

## 电特性 TA = 25℃除非另有规定。

Electrical Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

|  |                       | 符号<br>Symbols  | DB151S    | DB152S | DB153S | DB154S | DB155S | DB156S | DB157S | 单位<br>Unit |
|--|-----------------------|----------------|-----------|--------|--------|--------|--------|--------|--------|------------|
| 最大正向电压<br>Maximum forward voltage                                  | I <sub>F</sub> = 1.5A | V <sub>F</sub> | 1.1       |        |        |        |        |        | V      |            |
| 最大反向电流<br>Maximum reverse current                                  | TA= 25℃<br>TA = 125℃  | I <sub>R</sub> | 10<br>500 |        |        |        |        |        | μA     |            |
| 典型结电容 V <sub>R</sub> = 4.0V, f = 1MHz<br>Type junction capacitance |                       | Cj             |           |        |        | 25     |        |        |        | pF         |

## 特性曲线 Characteristic Curves

