

**RS401 – RS407  
KBL401 – KBL407**

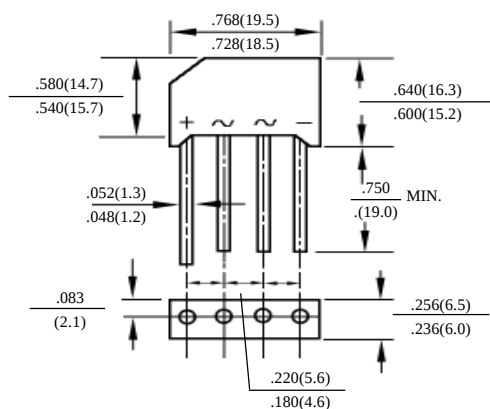
## 4.0A 桥式整流器

## 4.0A BRIDGE RECTIFIERS

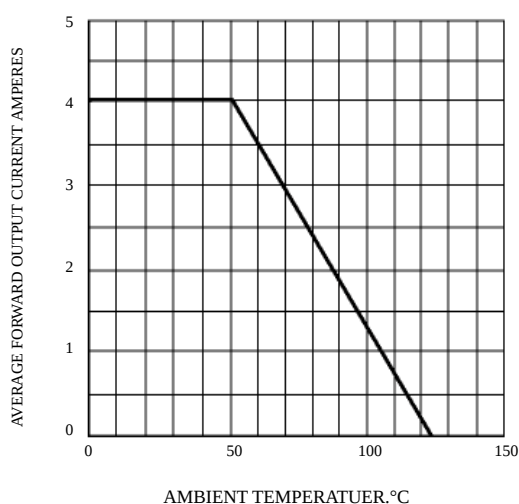
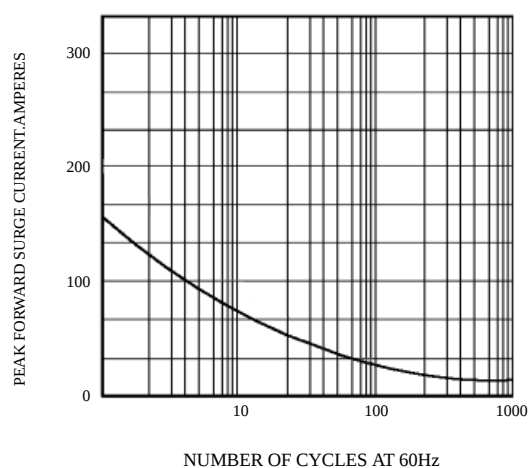
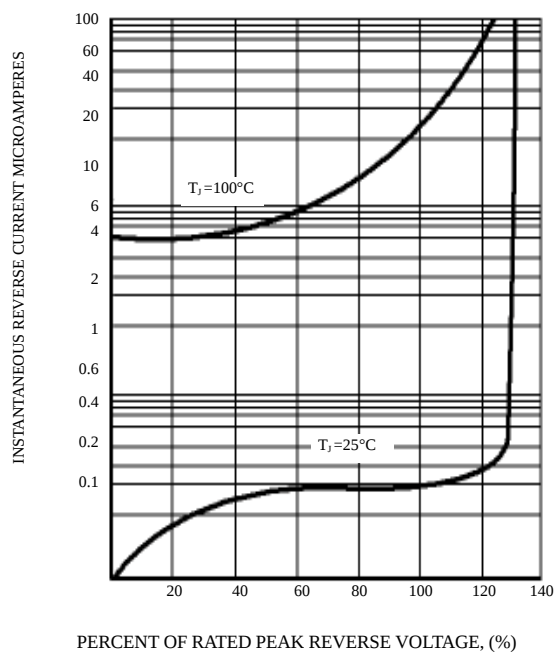
### 最大额定值、电性 MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

| 型 号<br>TYPE |        | 最大反向<br>峰值电压<br>Maximum<br>Peak<br>Reverse<br>Voltage | 最大平均<br>正向电流<br>Maximum<br>Average<br>Forward<br>Output<br>Current<br>@T <sub>A</sub> =50°C | 最大正向<br>浪涌电流<br>Maximum<br>Forward Peak<br>Surge Current<br>@ 8.3ms<br>Superimposed | 最大正向<br>峰值电压<br>Maximum DC<br>Forward Voltage<br>drop per element<br>at I <sub>F</sub> =2.0ADC | 最大反向<br>电 流<br>Maximum DC<br>Reverse Current<br>at rated DC<br>Blocking Voltage<br>per element |                  | 结 温<br>Operating<br>Junction<br>Temperature | 外型尺寸<br>Package<br>Dimensions |
|-------------|--------|-------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------|---------------------------------------------|-------------------------------|
|             |        | PRV                                                   | I <sub>O</sub>                                                                              | I <sub>FM</sub> (Surge)                                                             | V <sub>F</sub>                                                                                 | I <sub>R</sub>                                                                                 |                  | T <sub>J</sub>                              | RS – 4L                       |
|             |        | V <sub>PK</sub>                                       | A <sub>AV</sub>                                                                             | A <sub>PK</sub>                                                                     | V <sub>PK</sub>                                                                                | 25°C TA<br>μADC                                                                                | 125°C TA<br>μADC | °C                                          |                               |
| RS401       | KBL401 | 50                                                    | 4.0                                                                                         | 150                                                                                 | 1.0                                                                                            | 10                                                                                             | 500              | 125                                         | RS – 4L                       |
| RS402       | KBL402 | 100                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RS403       | KBL403 | 200                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RS404       | KBL404 | 400                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RS405       | KBL405 | 600                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RS406       | KBL406 | 800                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RS407       | KBL407 | 1000                                                  |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |



RS – 4L

**RS401-RS407 KBL401-KBL407**
**桥式整流器额定值与特性曲线**
**BRIDGE RECTIFIERS RATING AND CHARACTERISTIC CURVES**
**FIG. 1 - TYPICAL FORWARD CURRENT DERATING CURVE**

**FIG. 2 - MAXIMUM FORWARD SURGE CURRENT**

**FIG. 3 - TYPICAL REVERSE CHARACTERISTICS**

**FIG. 4 - TYPICAL FORWARD CHARACTERISTICS**
