

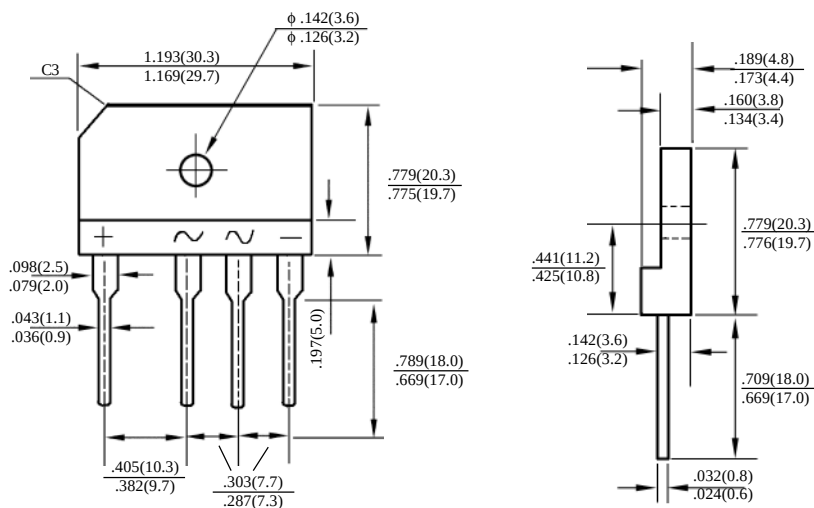
## D15SB10 – D15SB100

### 15A(SIP)桥式整流器

### 15A(SIP) 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> =70°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> =7.5ADC | 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>                              |                               |
|             | V <sub>PK</sub>                                       | A <sub>AV</sub>                                                                             | A <sub>PK</sub>                                                                     | V <sub>PK</sub>                                                                                | 25°CCTA<br>μADC                                                                                | 125°CCTA<br>μADC | °C                                          |                               |
| D15SB10     | 100                                                   | 15                                                                                          | 250                                                                                 | 1.1                                                                                            | 5                                                                                              | 500              | 150                                         | D15SB                         |
| D15SB20     | 200                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| D15SB40     | 400                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| D15SB60     | 600                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| D15SB80     | 800                                                   |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| D15SB100    | 1000                                                  |                                                                                             |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |



D15SB

## D15SB60 – D15SB100

### 15A(SIP) 桥式整流器额定值与特性曲线

### 15A(SIP) BRIDGE RECTIFIERS RATING & CHARACTERISTIC CURVES

FIG. 1 - DERATING CURVE FOR OUTPUT RECTIFIED CURRENT

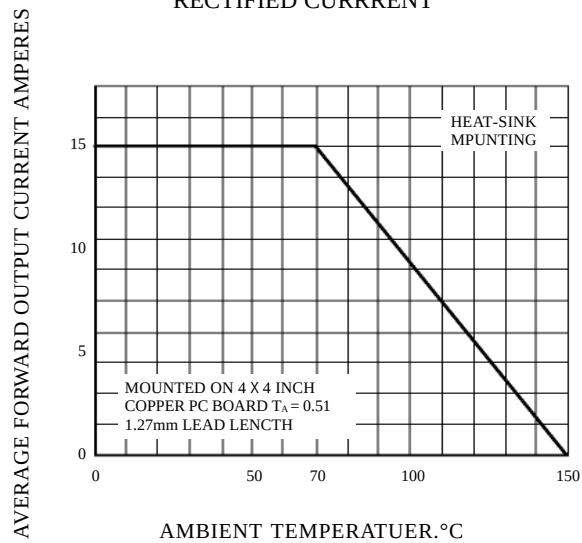


FIG. 2 - MAXIMUM NON-REPETITIVE SURGE CURRENT

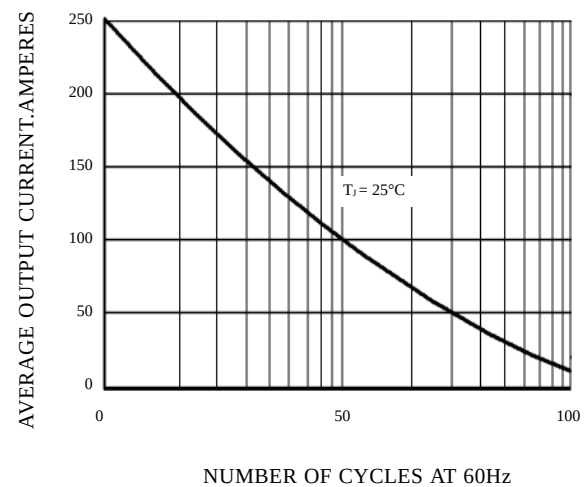


FIG. 3 - TYPICAL FORWARD CHARACTERISTICS

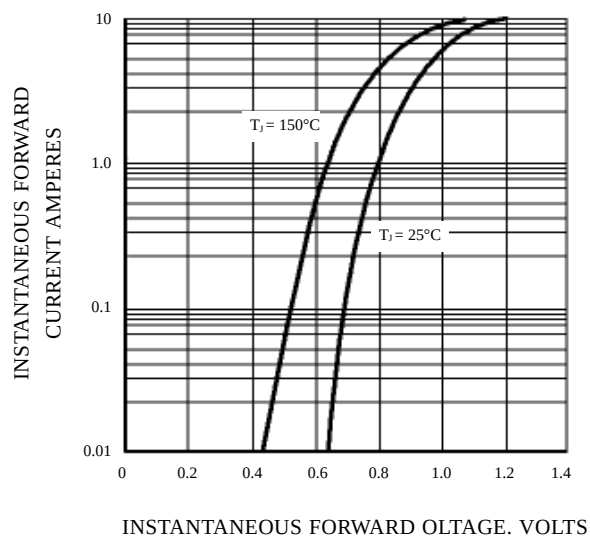


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS

