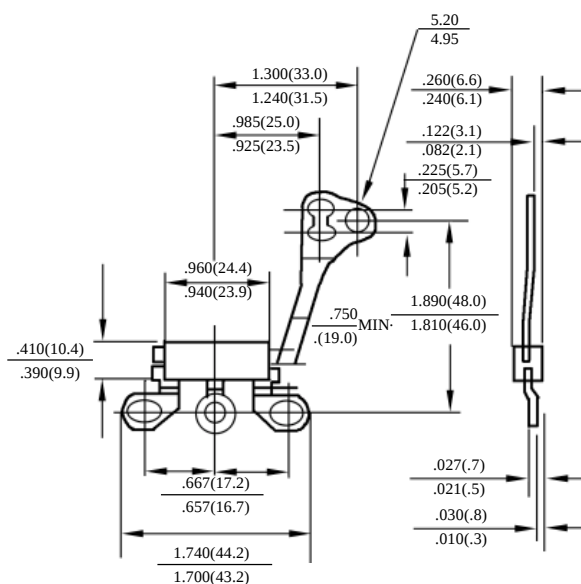


## 汽车桥式整流器

## AUTOMOTIVE 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> = 60°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> =3.0ADC | 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>                              | RT – 8                        |
|             | 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                                          |                               |
| RT805       | 50                                                    | 8.0                                                                                          | 150                                                                                 | 1.0                                                                                            | 10                                                                                             | 500              | 125                                         | RT – 8                        |
| RT81        | 100                                                   |                                                                                              |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RT82        | 200                                                   |                                                                                              |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RT84        | 400                                                   |                                                                                              |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RT86        | 600                                                   |                                                                                              |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RT88        | 800                                                   |                                                                                              |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |
| RT810       | 1000                                                  |                                                                                              |                                                                                     |                                                                                                |                                                                                                |                  |                                             |                               |



RT-8

## RT805-RT810

### 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

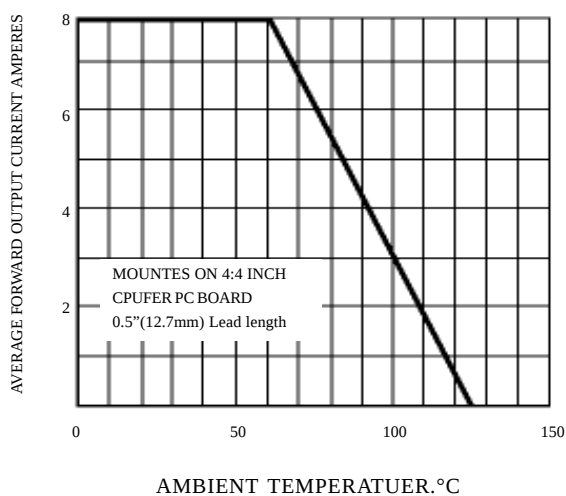


FIG. 2 - MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

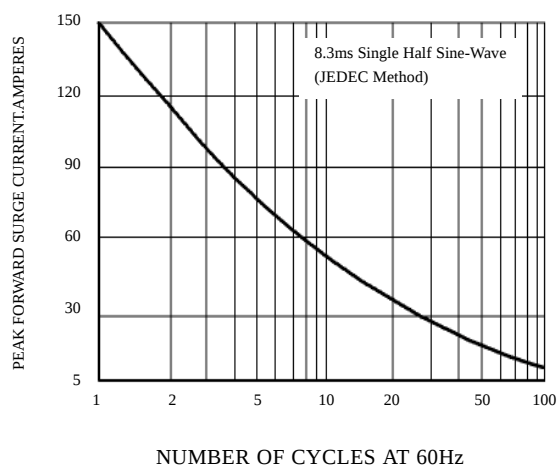


FIG. 3 - TYPICAL REVERSE CHARACTERISTICS

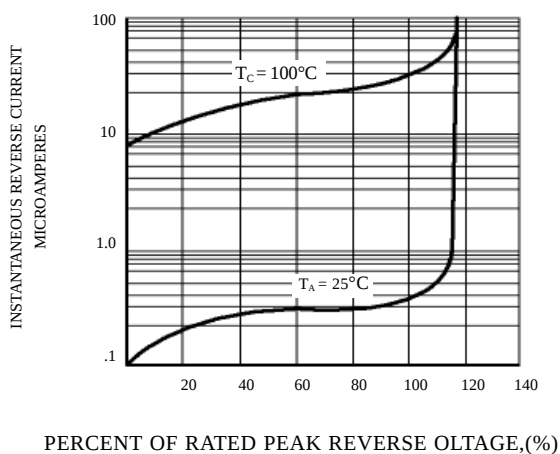


FIG. 4 - TYPICAL INSTANTANEOUS FORWARD PER BRIDGE ELEMENT

