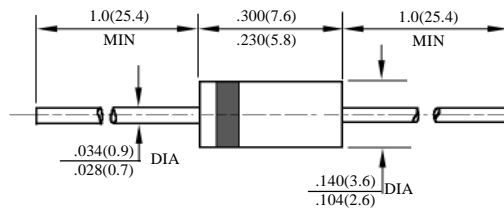


RL251– RL257

## 2.5A 普通二极管

## 2.5A GENERAL DIODES

| 型号<br>TYPE | 最大反向<br>峰值电压<br>Maximum<br>Peak Reverse<br>Voltage | 最大平均正向电流<br>Maximum Average<br>Rectified Current<br>@ Half-Wave<br>Resistive Load 60Hz |    | 最大正向浪涌电流<br>Maximum<br>Forward Peak<br>Surge Current @<br>8.3ms Superimposed | 最大反向漏电流<br>Maximum<br>Reverse<br>Current @ PRV<br>@ T <sub>A</sub> =25°C | 最大正向电压<br>Maximum<br>Forward<br>Voltage<br>@ T <sub>A</sub> =25°C |                 | 外型尺寸<br>Package<br>Dimensions |
|------------|--|--|----|--|--|---|-----------------|-------------------------------|
|            | PRV  | I <sub>O</sub> @ T <sub>L</sub>  |    | I <sub>FM</sub> (Surge)  | I <sub>R</sub>   | I <sub>FM</sub>   | V <sub>FM</sub> |                               |
|            | V <sub>PK</sub>                                    | A <sub>AV</sub>  | °C | A <sub>PK</sub>  | μA <sub>dc</sub>   | A <sub>PK</sub>   | V <sub>PK</sub> |                               |
| RL251      | 50   | 2.5  | 75 | 150  | 5.0  | 2.0   | 1.1             | DO-15                         |
| RL252      | 100  |  |    |  |  |   |                 |                               |
| RL253      | 200  |  |    |  |  |   |                 |                               |
| RL254      | 400  |  |    |  |  |   |                 |                               |
| RL255      | 600  |  |    |  |  |   |                 |                               |
| RL256      | 800  |  |    |  |  |   |                 |                               |
| RL257      | 1000   |  |    |  |  |   |                 |                               |



DO-15

RL251-RL257

R-3 封装 2.5A 普通二极管额定值与特性曲线

RATING & CHARACTERISTIC CURVES OF 2.5A GENERAL DIODES OF R-3 PACKAGE

FIG. 1 - TYPICAL FORWARD CURRENT DERATING CURVE

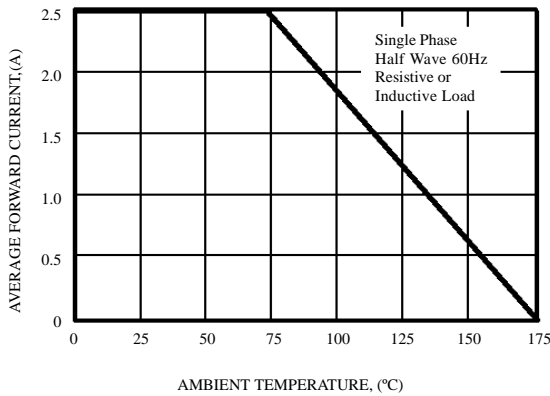


FIG. 3 - MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

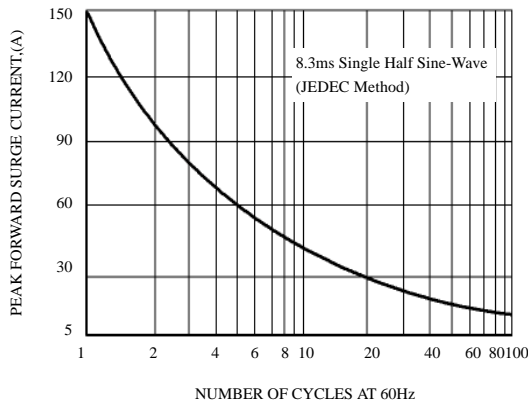


FIG. 5 - TYPICAL JUNCTION CAPACITANCE

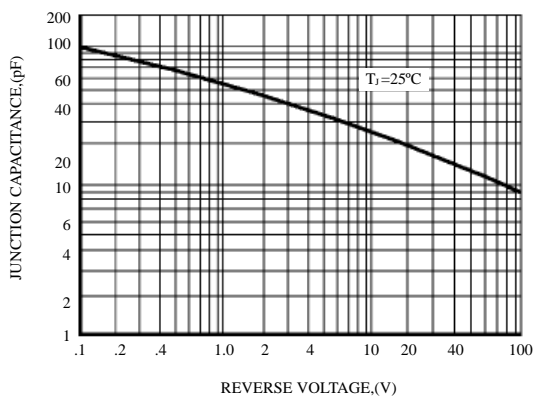


FIG. 2 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

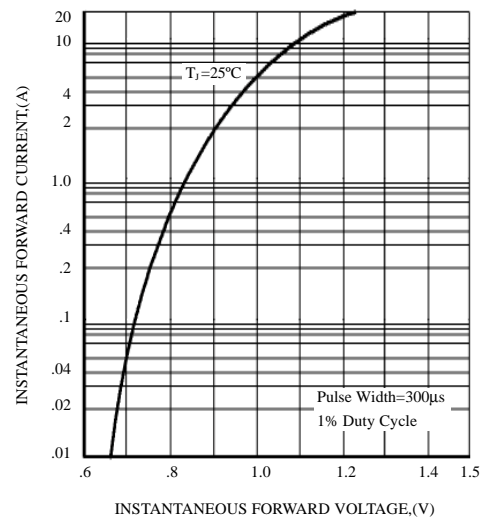


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS

