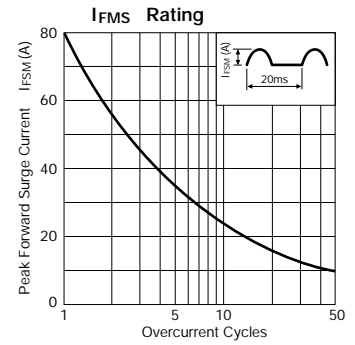
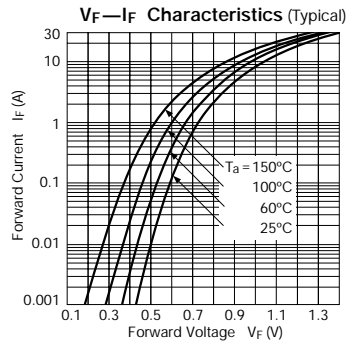
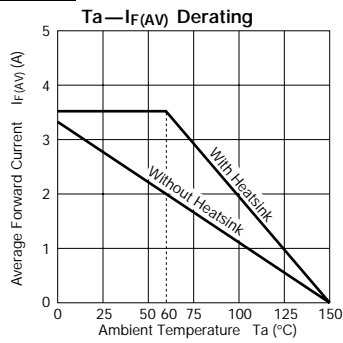


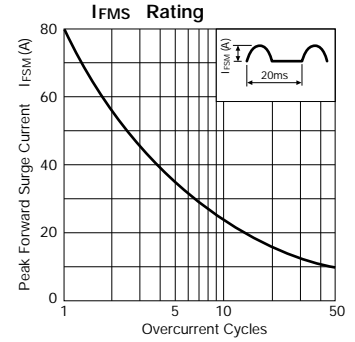
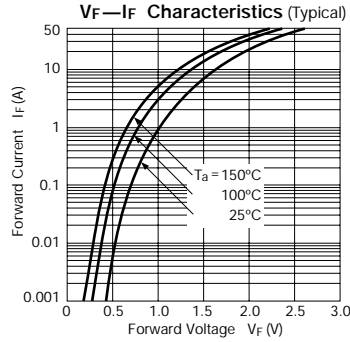
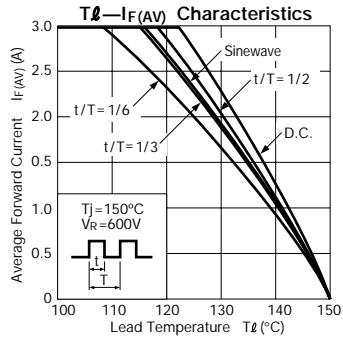
# Ultra-Fast-Recovery Rectifier Diodes

| Parameter<br>Type No. | Absolute Maximum Ratings |                           |                                                                       |                        |                          | Electrical Characteristics (Ta=25°C) |                       |                                        |                                                 |                                         |                                         |         | Others                         |             |      |     |
|-----------------------|--------------------------|---------------------------|-----------------------------------------------------------------------|------------------------|--------------------------|--------------------------------------|-----------------------|----------------------------------------|-------------------------------------------------|-----------------------------------------|-----------------------------------------|---------|--------------------------------|-------------|------|-----|
|                       | V <sub>RM</sub><br>(V)   | I <sub>F(AV)</sub><br>(A) | I <sub>FSM</sub><br>(A)<br>50Hz<br>Half-cycle Sinewave<br>Single Shot | T <sub>J</sub><br>(°C) | T <sub>stg</sub><br>(°C) | V <sub>F</sub><br>(V)                |                       | I <sub>R</sub><br>(μA)                 | I <sub>R</sub> (H)<br>(μA)                      | t <sub>rr</sub> ①<br>(ns)               | t <sub>rr</sub> ②<br>(ns)               |         | R <sub>th(j-c)</sub><br>(°C/W) | Mass<br>(g) | Fig. |     |
|                       |                          |                           |                                                                       |                        |                          | max                                  | I <sub>F</sub><br>(A) | V <sub>R</sub> =V <sub>RM</sub><br>max | V <sub>R</sub> =V <sub>RM</sub><br>Ta=100°C max | I <sub>F</sub> /I <sub>RP</sub><br>(mA) | I <sub>F</sub> /I <sub>RP</sub><br>(mA) |         |                                |             |      |     |
| RL 4Z                 | 200                      | 3.5                       | 80                                                                    | -40 to +150            |                          | 0.95                                 | 3.5                   | 150                                    | 500                                             | 50                                      | 100/100                                 | 35      | 100/200                        | 8           | 1.2  | Ⓐ   |
| RL 4A                 | 600                      | 3.0                       |                                                                       |                        |                          | 1.5                                  | 3.0                   | 50                                     | 100<br>(T <sub>J</sub> =150°C)                  |                                         | 500/500                                 |         | 500/1000                       |             |      |     |
| RX 3Z                 | 200                      |                           |                                                                       |                        |                          | 0.98                                 |                       |                                        |                                                 | 10                                      | 30                                      | 100/100 | 25                             | 100/200     | 10   | 1.0 |

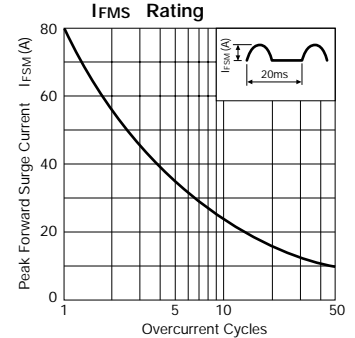
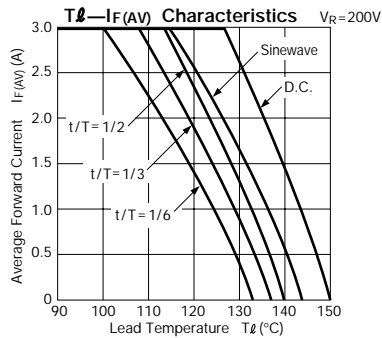
## RL 4Z



## RL 4A



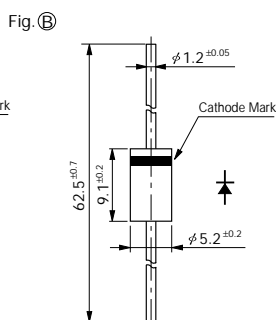
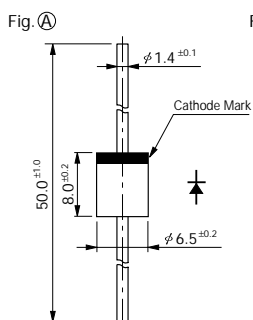
## RX 3Z



## External Dimensions

(Unit: mm)

Flammability:  
UL94V-0 or Equivalent



This datasheet has been downloaded from:

[www.DatasheetCatalog.com](http://www.DatasheetCatalog.com)

Datasheets for electronic components.