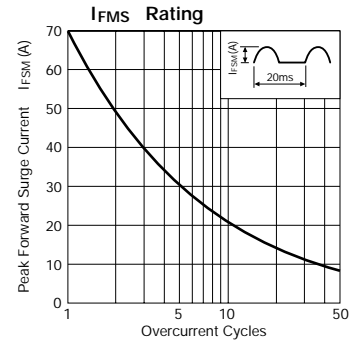
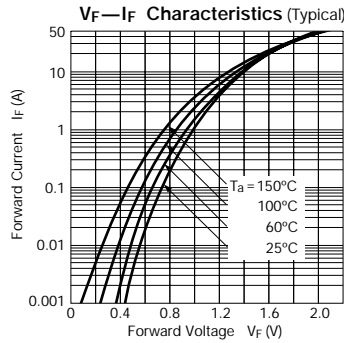
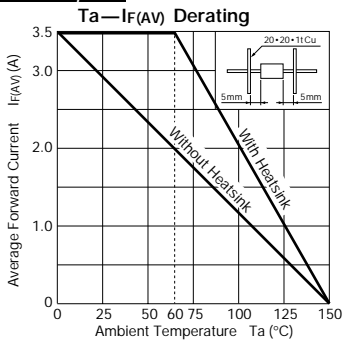


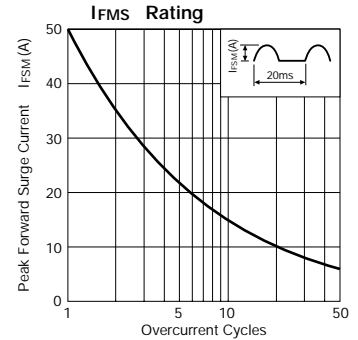
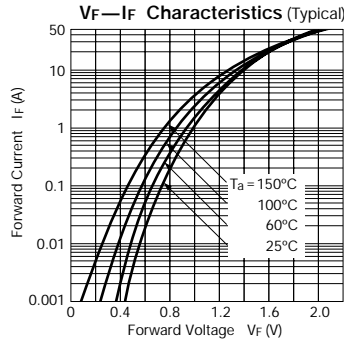
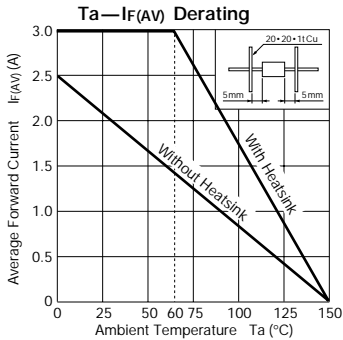
# Fast-Recovery Rectifier Diodes

| Parameter<br>Type No. | Absolute Maximum Ratings |  |   |                        |                          | Electrical Characteristics (Ta=25°C) |                       |  |  |                           |                           |                                 | Others      |      |     |   |         |         |
|-----------------------|--------------------------|--|---|------------------------|--------------------------|--------------------------------------|-----------------------|--|--|---------------------------|---------------------------|---------------------------------|-------------|------|-----|---|---------|---------|
|                       | V <sub>RM</sub><br>(V)   | I <sub>F(AV)</sub> (A)<br>( ) is with Heatsink | I <sub>FSM</sub><br>(A)<br>50Hz Half-cycle Sinewave 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)<br>V <sub>R</sub> = V <sub>RM</sub> max | I <sub>R</sub> (H)<br>(μA)<br>V <sub>R</sub> = V <sub>RM</sub><br>Ta = 100°C max | t <sub>rr</sub> ①<br>(μs) | t <sub>rr</sub> ②<br>(μs) | R <sub>th</sub> (j-ℓ)<br>(°C/W) | Mass<br>(g) | Fig. |     |   |         |         |
|                       |                          |  |   |                        |                          | max                                  | I <sub>F</sub><br>(A) |  |  |                           |                           |                                 |             |      |     |   |         |         |
| RU 4Y                 | 100                      | 2.0 (3.5)                                      | 70  | -40 to +150            |                          | 1.3                                  | 3.5                   | 10   | 300  | 0.4                       | 10/10                     | 0.18                            | 10/20       | 8.0  | 1.2 | Ⓐ |         |         |
| RU 4Z                 | 200                      |  |   |                        |                          |                                      |                       |  |  |                           |                           |                                 |             |      |     |   |         |         |
| RU 4                  | 400                      | 1.5 (3.0)                                      | 50  |                        |                          | 1.5                                  | 3.0                   | 50   | 500  |                           |                           |                                 |             |      |     |   | 100/100 | 100/200 |
| RU 4A                 | 600                      |  |   |                        |                          |                                      |                       |  |  |                           |                           |                                 |             |      |     |   |         |         |
| RU 4B                 | 800                      |  |   |                        |                          |                                      |                       |  |  |                           |                           |                                 |             |      |     |   |         |         |
| RU 4C                 | 1000                     | 1.5 (2.5)                                      |   |                        |                          |                                      |                       |  |  |                           |                           |                                 |             |      |     |   |         |         |

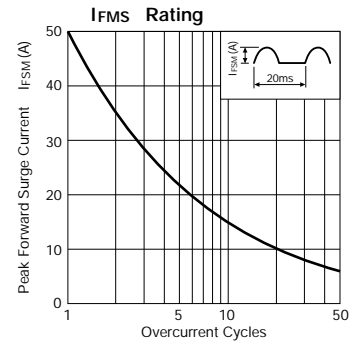
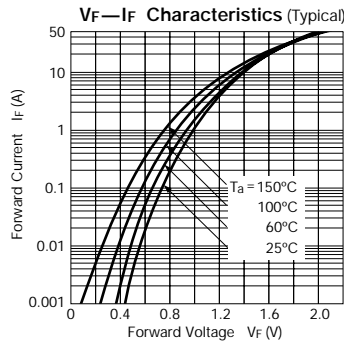
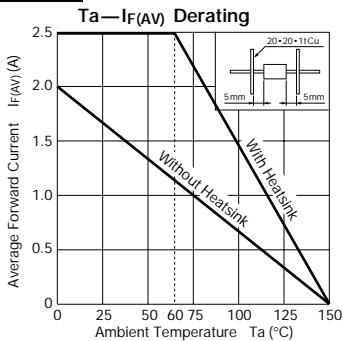
## RU 4Y, 4Z



## RU 4, 4A, 4B



## RU 4C



## External Dimensions

(Unit: mm)

Flammability:  
UL94V-0 or Equivalent

