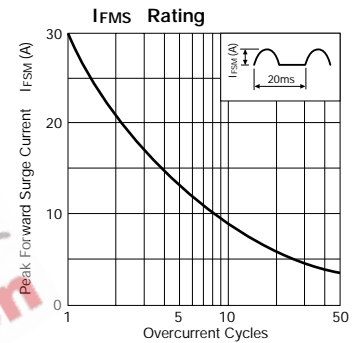
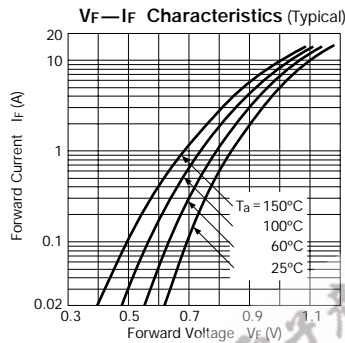
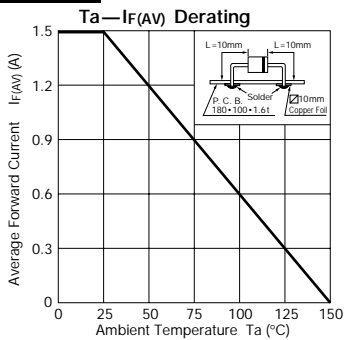


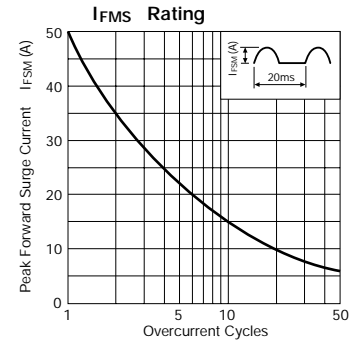
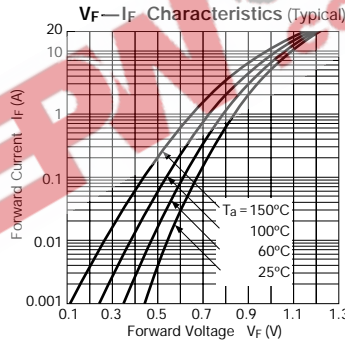
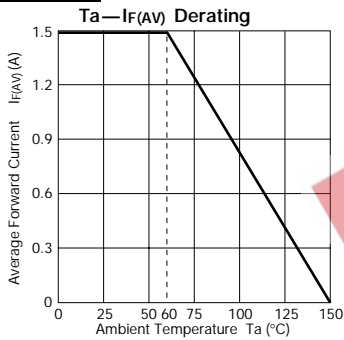
# Fast-Recovery Rectifier Diodes

| 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>(μs)                          | t <sub>rr</sub> ②<br>(μs)               | R <sub>th(j-ℓ)</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) |             |         |     |     |   |
| RU 2YX                | 100                      | 1.5                       | 30  | -40 to +150            |                          | 0.95                                 | 1.5                    | 10                                      | 300  | 0.2                                     | 10/10                                   | 0.08        | 10/20   | 15  | 0.4 | Ⓐ |
| RU 20A                | 600                      | 1.5                       | 50  |                        |                          | 1.1                                  | 1.5                    | 10                                      | 350  | 0.4                                     | 100/100                                 | 0.18        | 100/200 | 15  | 0.4 |   |
| RU 3                  | 400                      | 1.5                       | 20  |                        |                          | 1.5                                  | 10                     | 400                                     | 0.4  | 10/10                                   | 0.18                                    | 10/20       | 12      | 0.6 | Ⓑ   |   |
| RU 3A                 | 600                      |                           |   |                        |                          | 1.0                                  |                        |   |  |   |   |             |         |     |     |   |
| RU 3B                 | 800                      |                           |   |                        |                          | 1.5                                  |                        |   |  |   |   |             |         |     |     |   |
| RU 3C                 | 1000                     |                           |   |                        |                          | 1.5                                  |                        |   |  |   |   |             |         |     |     |   |

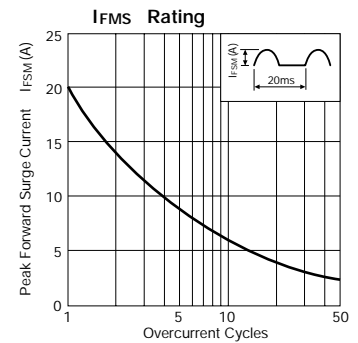
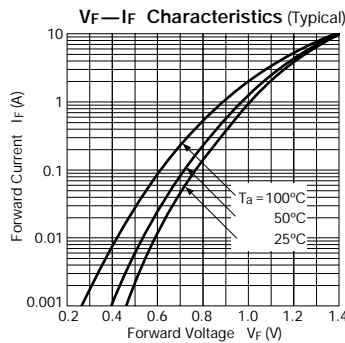
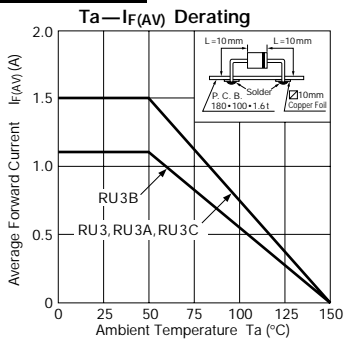
## RU 2YX



## RU 20A



## RU 3 series



## External Dimensions

(Unit: mm)

Flammability:  
UL94V-0 or Equivalent

