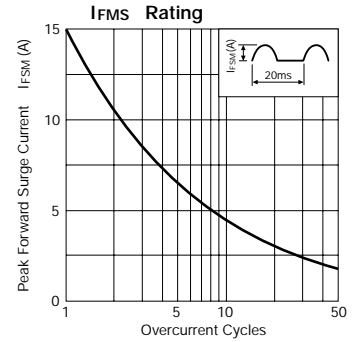
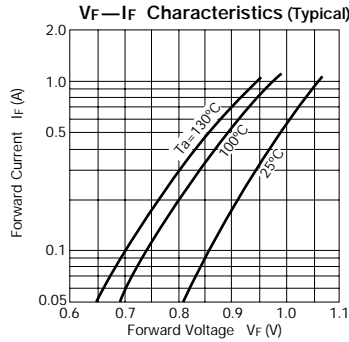
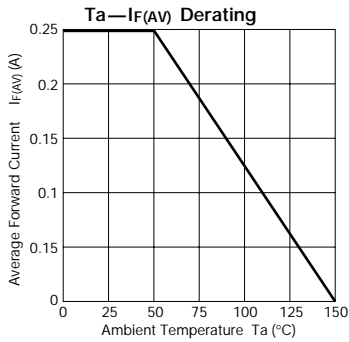


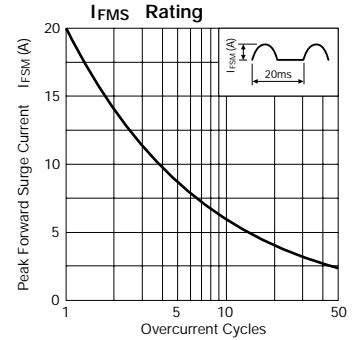
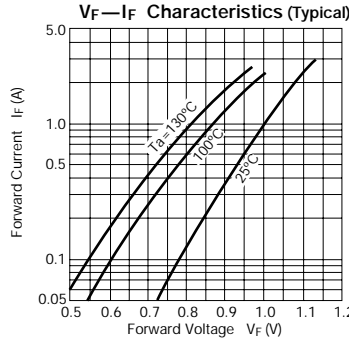
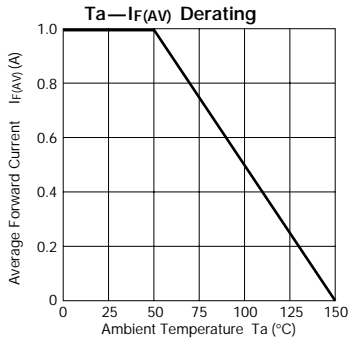
# Fast-Recovery Rectifier Diodes

| Type No. | Parameter | Absolute Maximum Ratings |            |  |             |           | Electrical Characteristics (Ta=25°C) |        |            |                     |              |             |              | Others      |                  |          |
|----------|-----------|--------------------------|------------|--|-------------|-----------|--------------------------------------|--------|------------|---------------------|--------------|-------------|--------------|-------------|------------------|----------|
|          |           | VRM (V)                  | IF(AV) (A) | IFSM (A)<br>50Hz Half-cycle Sinewave Single Shot | Tj (°C)     | Tstg (°C) | VF (V)                               |        | IR (μA)    | IR (H) (μA)         | trr (1) (μs) |             | trr (2) (μs) |             | Rth (j-ℓ) (°C/W) | Mass (g) |
|          |           |                          |            |  |             |           | max                                  | IF (A) | VR=VRM max | VR=VRM Ta=100°C max | IF/IRP (mA)  | IF/IRP (mA) | IF/IRP (mA)  | IF/IRP (mA) |                  |          |
| RU 1     |           | 400                      | 0.25       | 15   | -40 to +150 | 2.5       | 0.25                                 | 10     | 200        | 0.4                 | 10/10        | 0.18        | 10/20        | 15          | 0.4              |          |
| RU 1A    | 600       |                          |            |  |             |           |                                      |        |            |                     |              |             |              |             |                  |          |
| RU 1B    | 800       |                          |            |  |             |           |                                      |        |            |                     |              |             |              |             |                  |          |
| RU 1C    | 1000      | 0.2                      | 3.0        |  |             |           |                                      |        |            |                     |              |             |              |             |                  |          |
| RU 2Z    | 200       | 1.0                      | 20         | 1.5  |             | 1.0       | 10                                   | 300    | 0.4        | 10/10               | 0.18         | 10/20       | 15           |             |                  |          |
| RU 2     | 600       |                          |            |  |             |           |                                      |        |            |                     |              |             |              |             |                  |          |
| RU 2B    | 800       |                          |            |  |             |           |                                      |        |            |                     |              |             |              |             |                  |          |
| RU 2C    | 1000      | 0.8                      | 20         | 1.2  |             | 1.1       | 10                                   | 300    | 0.4        | 10/10               | 0.18         | 10/20       | 15           |             |                  |          |
| RU 2M    | 400       |                          |            |  |             |           |                                      |        |            |                     |              |             |              |             |                  |          |
| RU 2AM   | 600       |                          |            |  |             |           |                                      |        |            |                     |              |             |              |             |                  |          |

## RU 1 series



## RU 2 series



## RU 2M series

