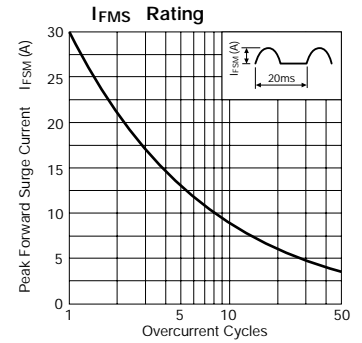
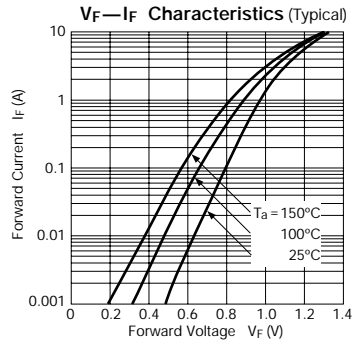
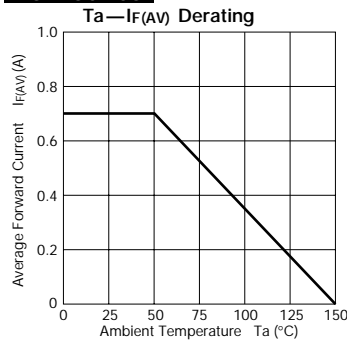


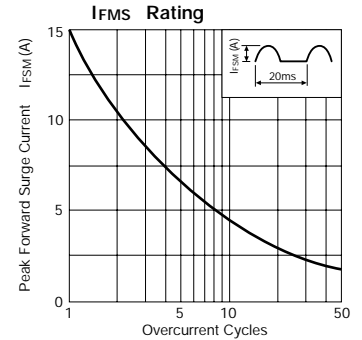
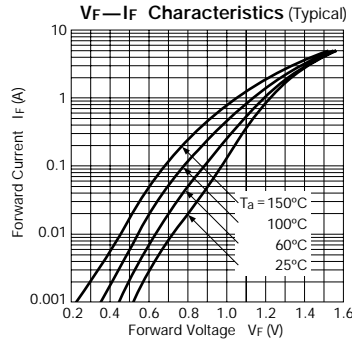
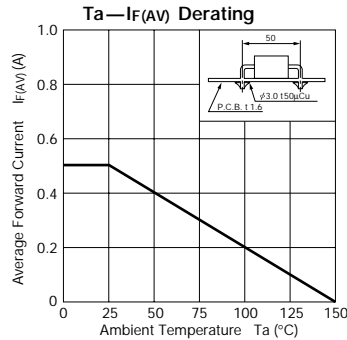
# Fast-Recovery Rectifier Diodes

| Parameter<br>Type No. | Absolute Maximum Ratings |            |   |             |           | Electrical Characteristics (Ta=25°C) |        |            |                     |             |             |          |       | Others          |          |      |   |
|-----------------------|--------------------------|------------|---|-------------|-----------|--------------------------------------|--------|------------|---------------------|-------------|-------------|----------|-------|-----------------|----------|------|---|
|                       | VRM (V)                  | IF(AV) (A) | IFSM (A)<br>50Hz Half-cycle Sinewave<br>Single Shot | TJ (°C)     | Tstg (°C) | VF (V)                               |        | IR (μA)    | IR (H) (μA)         | trr (μs)    |             | trr (μs) |       | Rth(j-ℓ) (°C/W) | Mass (g) | Fig. |   |
|                       |                          |            |   |             |           | max                                  | IF (A) | VR=VRM max | VR=VRM Ta=100°C max | IF/IRP (mA) | IF/IRP (mA) |          |       |                 |          |      |   |
| RS 1A                 | 600                      | 0.7        | 30  | -40 to +150 |           | 2.5                                  | 0.8    | 10         | 200                 | 1.5         | 10/10       | 0.6      | 10/20 | 20              | 0.4      | Ⓐ    |   |
| RS 1B                 | 800                      |            |   |             |           |                                      |        |            |                     |             |             |          |       |                 |          |      |   |
| AU01Z                 | 200                      | 0.5        | 15  |             |           | 1.7                                  | 0.5    | 10         | 150                 | 0.4         | 10/10       | 0.18     | 10/20 | 22              | 0.13     |      | Ⓑ |
| AU01                  | 400                      |            |   |             |           |                                      |        |            |                     |             |             |          |       |                 |          |      |   |
| AU01A                 | 600                      | 0.8        | 25  |             |           | 1.3                                  | 0.8    | 10         | 250                 | 0.4         | 10/10       | 0.18     | 10/20 | 22              | 0.13     |      |   |
| AU02Z                 | 200                      |            |   |             |           |                                      |        |            |                     |             |             |          |       |                 |          |      |   |
| AU02                  | 400                      | 600        |   |             |           |                                      |        |            |                     |             |             |          |       |                 |          |      |   |
| AU02A                 | 600                      |            |   |             |           |                                      |        |            |                     |             |             |          |       |                 |          |      |   |

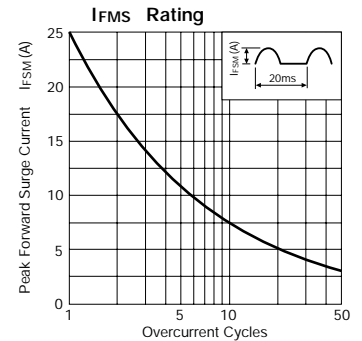
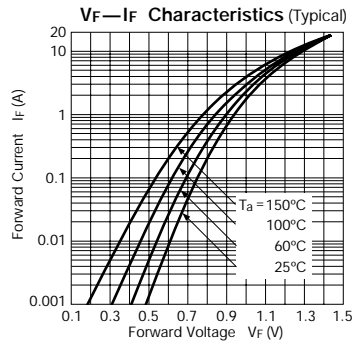
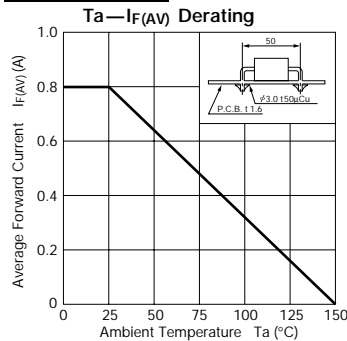
## RS 1 series



## AU01 series



## AU02 series



## External Dimensions

(Unit: mm)

Flammability:  
UL94V-0 or Equivalent

