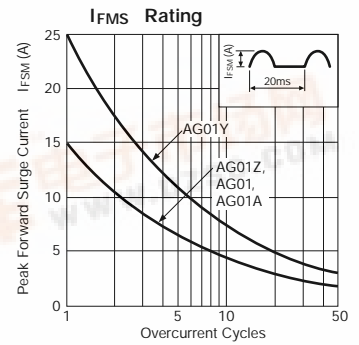
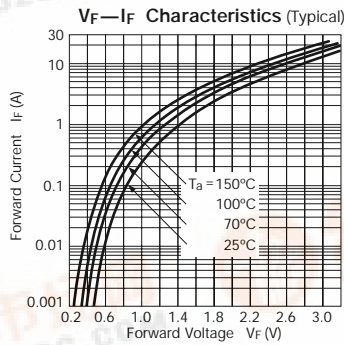
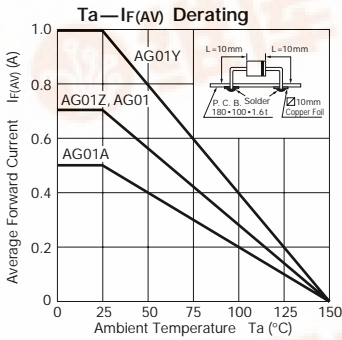


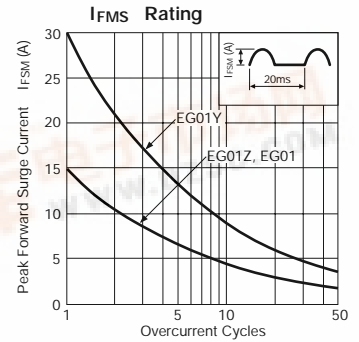
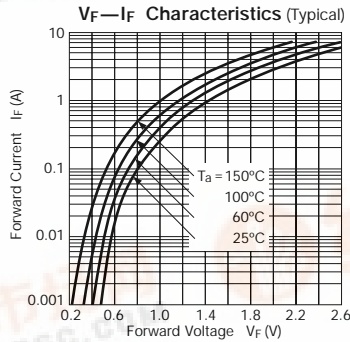
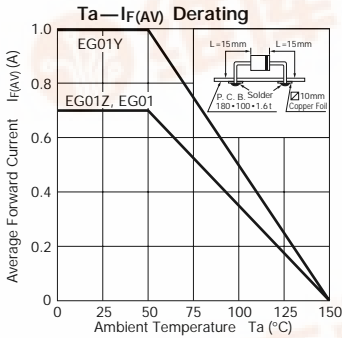
# Ultra-Fast-Recovery Rectifier Diodes

| 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 Single Shot | Tj (°C)     | Tstg (°C) | VF (V)                               |        | IR (mA)<br>VR=VRM max | IR (H) (mA)<br>VR=VRM Ta=100°C max | trr(1) (ns) |             | trr(2) (ns) |         | Rth(j-ℓ) (°C/W) | Mass (g) | Fig. |
|                       |                          |            |  |             |           | max                                  | IF (A) |                       |                                    | IF/IRP (mA) | IF/IRP (mA) |             |         |                 |          |      |
| AG01Y                 | 70                       | 1.0        | 25   | -40 to +150 |           | 1.2                                  | 1.0    | 0.1                   | 0.5                                | 100         | 100/100     | 50          | 100/200 | 22              | 0.13     | Ⓐ    |
| AG01Z                 | 200                      | 0.7        | 15   |             |           | 1.8                                  | 0.7    |                       |                                    |             |             |             |         |                 |          |      |
| AG01                  | 400                      | 0.5        |  |             |           | 0.5                                  |        |                       |                                    |             |             |             |         |                 |          |      |
| AG01A                 | 600                      | 0.5        | 10   |             |           | 2.0                                  | 0.5    |                       |                                    |             |             |             |         |                 |          |      |
| EG01Y                 | 70                       | 1.0        | 30   |             |           | 1.2                                  | 1.0    | 100                   | 100/100                            | 50          | 100/200     | 20          | 0.2     | Ⓑ               |          |      |
| EG01Z                 | 200                      | 0.7        | 15   |             |           | 1.9                                  | 0.7    |                       |                                    |             |             |             |         |                 |          |      |
| EG01                  | 400                      | 0.7        |  | 2.0         | 0.5       |                                      |        |                       |                                    |             |             |             |         |                 |          |      |
| EG01A                 | 600                      | 0.5        | 10   | 2.0         | 0.5       |                                      |        |                       |                                    |             |             |             |         |                 |          |      |

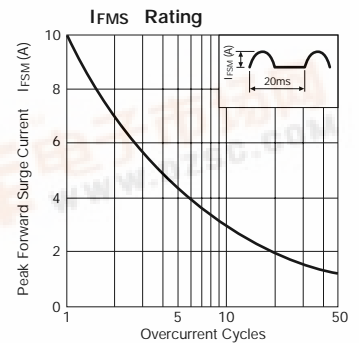
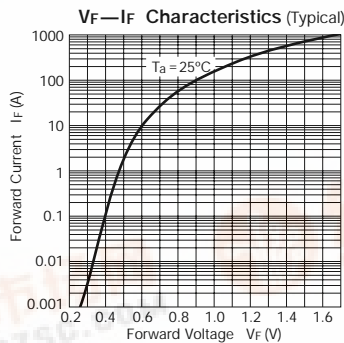
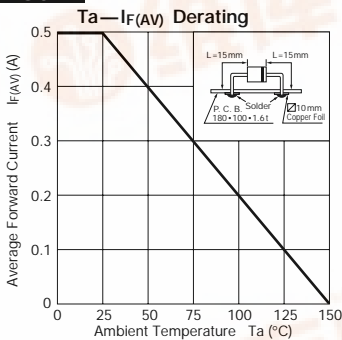
## AG01 series



## EG01Y, EG01Z, EG01



## EG01A



## External Dimensions

(Unit: mm)  
Flammability:  
UL94V-0 or Equivalent

Fig. Ⓐ

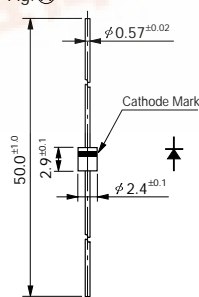


Fig. Ⓑ

