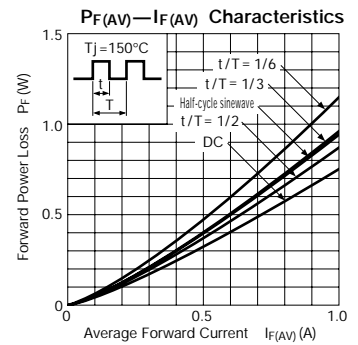
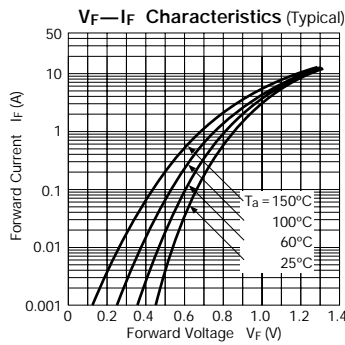
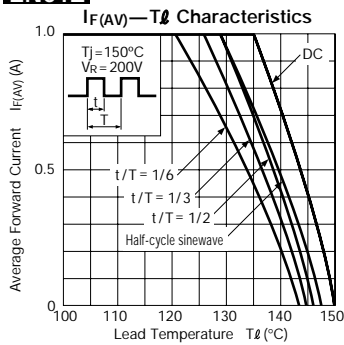


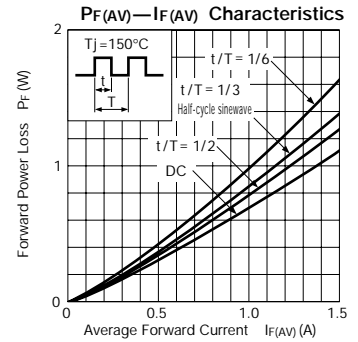
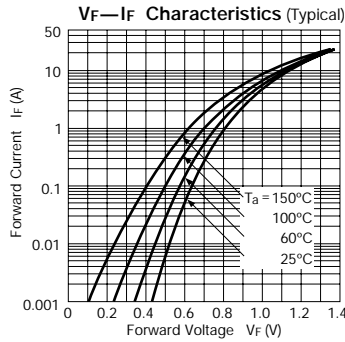
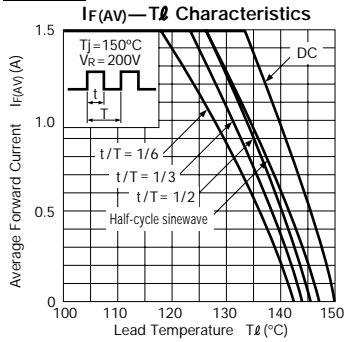
# Ultra-Fast-Recovery Rectifier Diodes

| 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<br>Single Shot | TJ (°C)     | Tstg (°C) | VF (V)                                 | IR (μA) | IR (H) (mA)  | trr ① (ns)                 | trr ② (ns)  | Rth (j-ℓ) (°C/W) | Mass (g) | Fig.   |     |   |    |     |   |
|                       |                          |            |   |             |           | max                                    | IF (A)  | VR = VRM max | VR = VRM<br>TJ = 150°C max | IF/IRP (mA) | IF/IRP (mA)      |          |        |     |   |    |     |   |
| EN01Z                 | 200                      | 1.0        | 50  | -40 to +150 | 0.92      | 1                                      | 10      | 2            | 100                        | 100/100     | 50               | 100/200  | 20     | 0.2 | Ⓐ |    |     |   |
| RN 1Z                 | 200                      | 1.5        | 60  |             |           | 1.5                                    | 20      | 3            |                            |             |                  |          |        |     |   | 15 | 0.4 | Ⓑ |
| RN 2Z                 | 200                      | 2.0        | 70  |             |           | 2                                      | 50      | 4            |                            |             |                  |          |        |     |   | 12 |     |   |

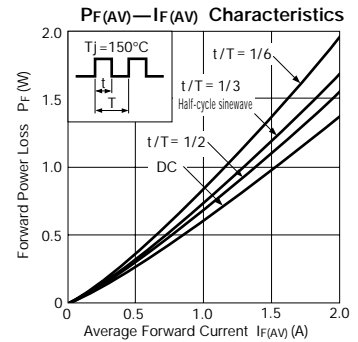
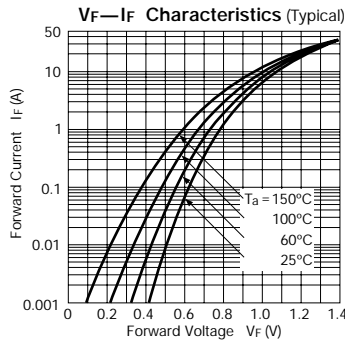
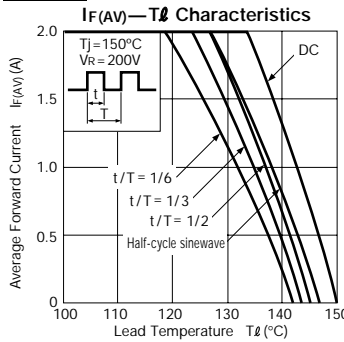
## EN01Z



## RN 1Z



## RN 2Z



## External Dimensions

(Unit: mm)

Flammability:  
UL94V-0 or Equivalent

