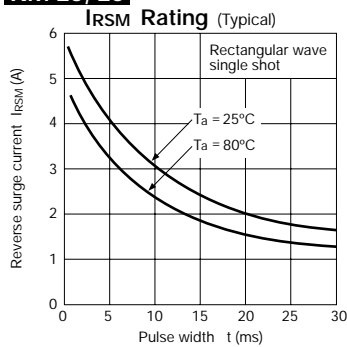


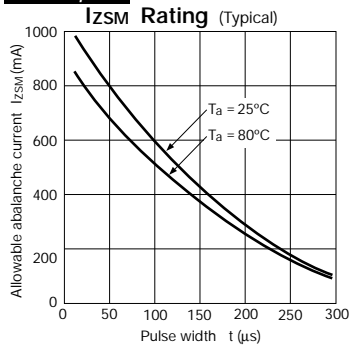
# Avalanche Diodes

| Type No. | Parameter | Absolute Maximum Ratings |                              |                     |                       | Electrical Characteristics (Ta=25°C) |                                 |                                 |                     |                       |                             | Others          |             |      |
|----------|-----------|--------------------------|------------------------------|---------------------|-----------------------|--------------------------------------|---------------------------------|---------------------------------|---------------------|-----------------------|-----------------------------|-----------------|-------------|------|
|          |           | V <sub>RM</sub> (V)      | I <sub>ZSM</sub> (A)         | T <sub>J</sub> (°C) | T <sub>stg</sub> (°C) | V <sub>Z</sub> (V)                   | I <sub>R</sub> (μA)             | I <sub>R</sub> (H) (μA)         | J (V/°C)            | γ <sub>Z</sub> (%/°C) | R <sub>Z</sub> (Ω)          | Mass (g)        | Application | Fig. |
|          |           |                          | Rectangular wave single shot |                     |                       | I <sub>Z</sub> =1mA Instantaneous    | V <sub>R</sub> =V <sub>RM</sub> | V <sub>R</sub> =V <sub>RM</sub> | I <sub>Z</sub> =1mA | I <sub>Z</sub> =1mA   | I <sub>Z</sub> =0.5 to 1.5A |                 |             |      |
| RM 25    | 40        | 3.0 (10ms)               | -40 to +130                  |                     | 50 to 61.5            | 5.0                                  | 20 (Ta=80°C)                    | —                               | 0.09 typ            | 5max                  | 0.44                        | Surge absorbers | Ⓐ           |      |
| RM 26    | 50        |                          |                              |                     | 60 to 70              |                                      |                                 |                                 |                     |                       |                             |                 |             |      |
| R 2M     | 130       | 1.0 (100μs)              | -40 to +150                  |                     | 135 to 180            | 10                                   | 50 (Ta=100°C)                   | +0.15 typ                       | —                   | —                     |                             |                 |             |      |
| RY 23    | 200       | 0.1 (100μs)              | -40 to +130                  |                     | 250 to 400            |                                      | 50 (Ta=80°C)                    |                                 |                     |                       |                             |                 |             |      |
| RY 24    | 400       |                          |                              |                     | 400 to 450            |                                      |                                 |                                 |                     |                       |                             |                 |             |      |

## RM 25, 26



## RY 23, 24



## External Dimensions

(Unit: mm)

Flammability:  
UL94V-0 or Equivalent

Fig. Ⓐ

