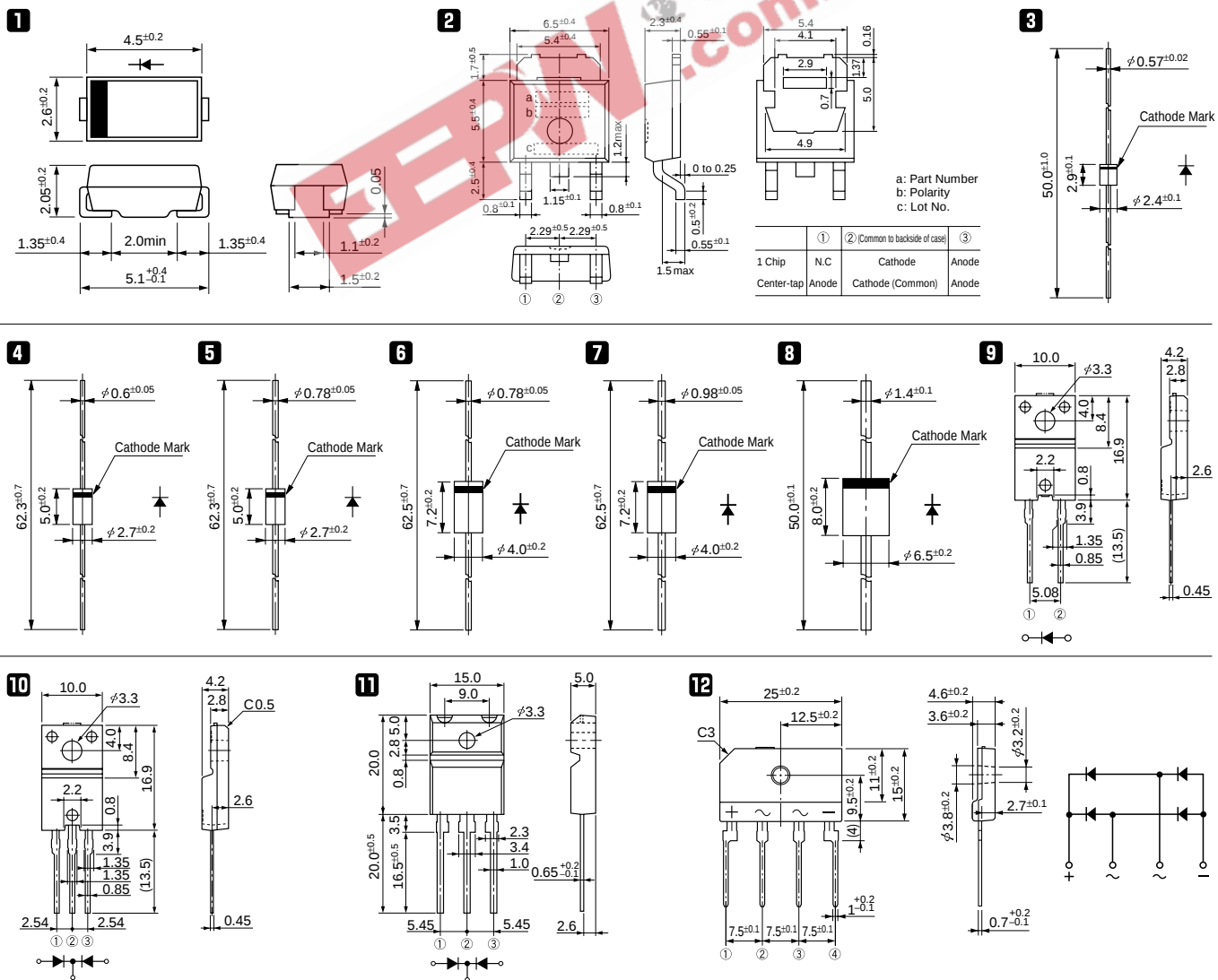


**60V**

| V <sub>RM</sub><br>(V) | Package                     | Part Number | I <sub>F</sub> (A)<br>(A) | I <sub>FSM</sub><br>(A)                    | T <sub>j</sub><br>(°C) | T <sub>stg</sub><br>(°C) | V <sub>F</sub><br>(V)<br>max | I <sub>F</sub><br>(A) | I <sub>R</sub><br>(mA)                 | I <sub>R</sub> (H)<br>(mA)             | R <sub>th</sub> (j-ℓ)<br>R <sub>th</sub> (j-c)<br>(°C/W) | Mass<br>(g) | Fig.<br>No. | Page where<br>characteristic<br>curve is shown |
|------------------------|-----------------------------|-------------|---------------------------|--------------------------------------------|------------------------|--------------------------|------------------------------|-----------------------|----------------------------------------|----------------------------------------|----------------------------------------------------------|-------------|-------------|------------------------------------------------|
|                        |                             |             |                           | 50Hz<br>Half-cycle Sinewave<br>Single Shot |                        |                          |                              |                       | V <sub>R</sub> =V <sub>RM</sub><br>max | V <sub>R</sub> =V <sub>RM</sub><br>max |                                                          |             |             |                                                |
| 60                     | Surface Mount               | SFPB-56     | 0.7                       | 10                                         | -40 to +150            | 0.62                     | 0.7                          | 1                     | 7.5                                    | 100                                    | 20                                                       | 0.072       | 1           | 82                                             |
|                        |                             | SFPW-56     | 1.5                       | 25                                         | -40 to +150            | 0.7                      | 1.5                          | 1                     | 70                                     | 150 (T <sub>j</sub> )                  | 20                                                       | 0.072       |             | 95                                             |
|                        |                             | SFPB-66     | 2.0                       | 25                                         | -40 to +150            | 0.69                     | 2.0                          | 1                     | 15                                     | 100                                    | 20                                                       | 0.072       |             | 83                                             |
|                        |                             | SFPB-76     | 2.0                       | 40                                         | -40 to +150            | 0.62                     | 2.0                          | 2                     | 20                                     | 100                                    | 20                                                       | 0.072       |             |                                                |
|                        |                             | SPB-G56S    | 5.0                       | 60                                         | -40 to +150            | 0.7                      | 5.0                          | 3                     | 125                                    | 150                                    | 5                                                        | 0.29        | 2           | 84                                             |
|                        | Surface Mount<br>Center-tap | SPB-66S     | 6.0                       | 40                                         | -40 to +150            | 0.7                      | 3.0                          | 1                     | 70                                     | 150                                    | 5                                                        | 0.29        |             |                                                |
|                        | Axial                       | AK 06       | 0.7                       | 10                                         | -40 to +150            | 0.62                     | 0.7                          | 1                     | 7.5                                    | 100                                    | 22                                                       | 0.13        | 3           | 85                                             |
|                        |                             | EK 06       | 0.7                       | 10                                         | -40 to +150            | 0.62                     | 0.7                          | 1                     | 7.5                                    | 100                                    | 20                                                       | 0.3         | 4           | 86                                             |
|                        |                             | EK 16       | 1.5                       | 25                                         | -40 to +150            | 0.62                     | 1.5                          | 1                     | 15                                     | 100                                    | 17                                                       | 0.3         | 5           |                                                |
|                        |                             | RK 16       | 1.5                       | 25                                         | -40 to +150            | 0.62                     | 1.5                          | 1                     | 15                                     | 100                                    | 15                                                       | 0.45        | 6           | 87                                             |
|                        |                             | RK 36       | 2.0                       | 40                                         | -40 to +150            | 0.62                     | 2.0                          | 2                     | 20                                     | 100                                    | 12                                                       | 0.6         | 7           | 88                                             |
|                        |                             | RK 46       | 3.5                       | 70                                         | -40 to +150            | 0.62                     | 3.5                          | 3                     | 35                                     | 100                                    | 8                                                        | 1.2         | 8           |                                                |
|                        | Frame-2Pin                  | FMB-G16L    | 6.0                       | 50                                         | -40 to +150            | 0.62                     | 5.0                          | 5                     | 50                                     | 100                                    | 4                                                        | 2.1         | 9           | 89                                             |
|                        | Center-tap                  | FMB-26      | 4.0                       | 40                                         | -40 to +150            | 0.62                     | 2.0                          | 1                     | 20                                     | 100                                    | 4                                                        | 2.1         | 10          | 91                                             |
|                        |                             | FMB-26L     | 10                        | 50                                         | -40 to +150            | 0.62                     | 5.0                          | 2.5                   | 50                                     | 100                                    | 4                                                        | 2.1         |             |                                                |
|                        |                             | FME-2106    | 10                        | 60                                         | -40 to +150            | 0.72                     | 5.0                          | 1                     | 35                                     | 150 (T <sub>j</sub> )                  | 4                                                        | 2.1         |             | 95                                             |
|                        |                             | FMB-36      | 15                        | 100                                        | -40 to +150            | 0.62                     | 7.5                          | 5                     | 75                                     | 100                                    | 2                                                        | 5.5         | 11          | 94                                             |
|                        |                             | FMB-2206    | 20                        | 150                                        | -40 to +150            | 0.7                      | 10.0                         | 8                     | 275                                    | 150                                    | 4                                                        | 2.1         | 10          | 91                                             |
|                        |                             | FMB-2306    | 30                        | 150                                        | -40 to +150            | 0.7                      | 15                           | 8                     | 400                                    | 150 (T <sub>j</sub> )                  | 4                                                        | 2.1         |             | 92                                             |
|                        |                             | FMB-36M     | 30                        | 150                                        | -40 to +150            | 0.62                     | 15.0                         | 10                    | 150                                    | 100                                    | 2                                                        | 5.5         | 11          | 94                                             |
| Bridge                 | RBV-406B                    | 4.0         | 40                        | -40 to +150                                | 0.62                   | 2.0                      | 2                            | 20                    | 100                                    | 5                                      | 4.25                                                     | 12          | 95          |                                                |

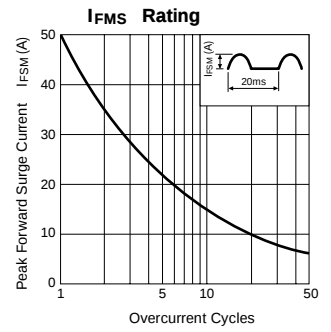
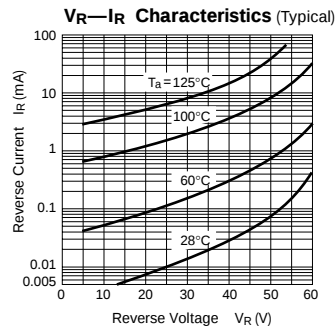
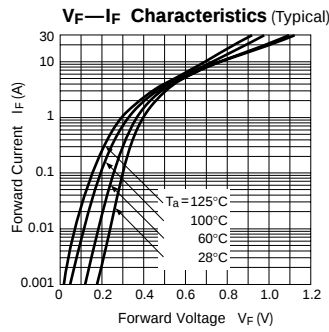
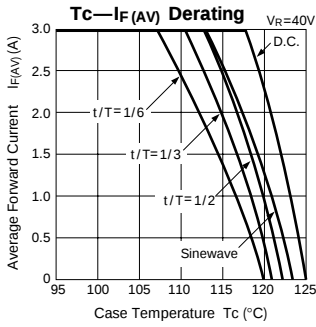
## ■ External Dimensions

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

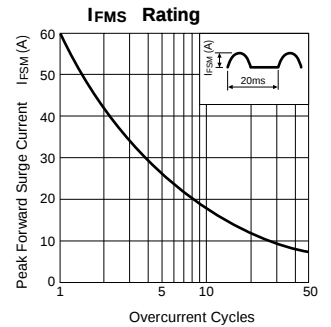
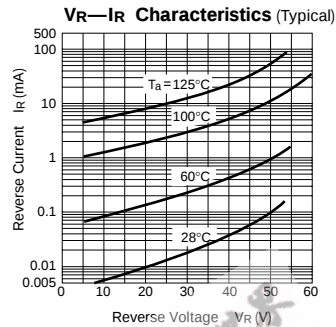
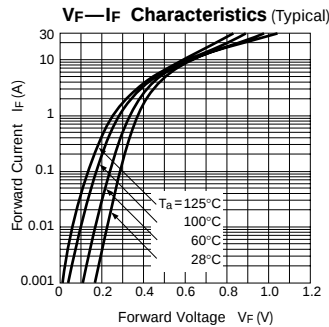
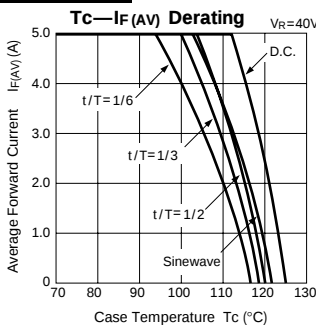


# Schottky Barrier Diodes

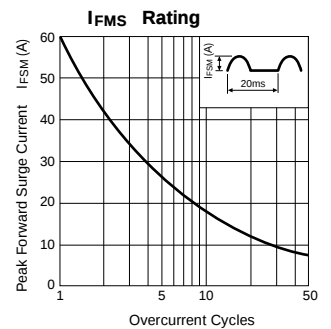
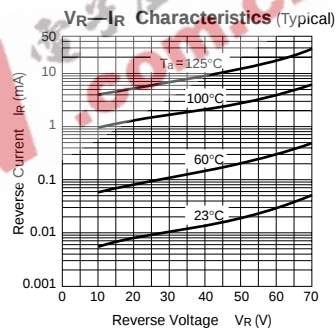
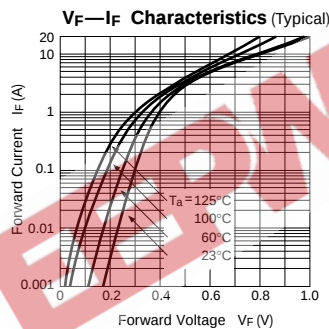
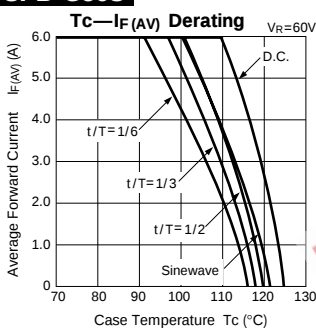
## SPB-G34S



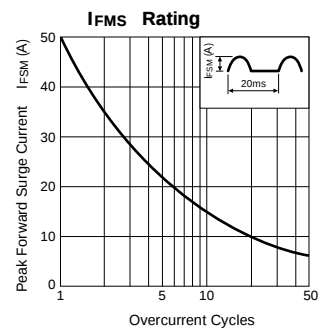
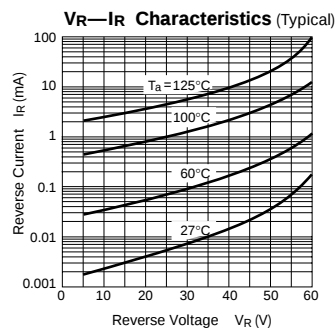
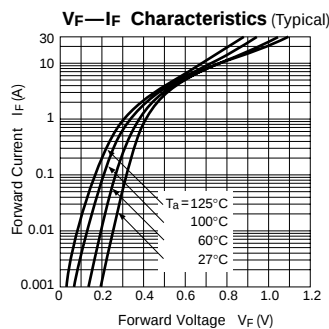
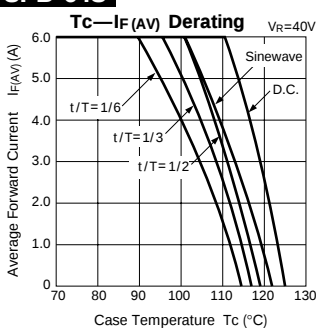
## SPB-G54S



## SPB-G56S



## SPB-64S



## SPB-66S

