

Schottky Barrier Diodes 90V and over

| V _{RM} (V) | Package | Part Number | I _F (AV) (A) | I _{FSM} (A) | T _J (°C) | T _{stg} (°C) | V _F (V) max | I _F (A) | I _R (mA) | I _R (H) (mA) | R _{th} (j-ℓ) R _{th} (j-c) (°C/W) | Mass (g) | Fig. No. | Page where characteristic curve is shown |
|---------------------|---------------|-------------|-------------------------|--------------------------------------|---------------------|-----------------------|------------------------|--------------------|-------------------------------------|-------------------------------------|--|----------|----------|--|
| | | | | 50Hz Half-cycle Sinewave Single Shot | | | | | V _R =V _{RM} max | V _R =V _{RM} max | | | | |
| 90 | Surface Mount | SFPB-59 | 0.7 | 10 | -40 to +150 | 0.81 | 0.7 | 1 | 5 | 100 | 20 | 0.072 | 1 | 79 |
| | | SFPB-69 | 1.5 | 40 | -40 to +150 | 0.81 | 1.5 | 2 | 10 | 100 | 20 | 0.072 | | 80 |
| | Axial | AK 09 | 0.7 | 10 | -40 to +150 | 0.81 | 0.7 | 1 | 5 | 100 | 22 | 0.13 | 2 | 82 |
| | | EK 09 | 0.7 | 10 | -40 to +150 | 0.81 | 0.7 | 1 | 5 | 100 | 20 | 0.3 | 3 | 83 |
| | | EK 19 | 1.5 | 40 | -40 to +150 | 0.81 | 1.5 | 2 | 10 | 100 | 17 | 0.3 | 4 | 84 |
| | | RK 19 | 1.5 | 40 | -40 to +150 | 0.81 | 1.5 | 2 | 10 | 100 | 15 | 0.45 | 5 | |
| | | RK 39 | 2.0 | 50 | -40 to +150 | 0.81 | 2.0 | 3 | 15 | 100 | 12 | 0.6 | 6 | 85 |
| | | RK 49 | 3.5 | 60 | -40 to +150 | 0.81 | 3.5 | 5 | 35 | 100 | 8 | 1.2 | 7 | |
| | Frame-2Pin | FMB-G19L | 4.0 | 60 | -40 to +150 | 0.81 | 4.0 | 5 | 35 | 100 | 4 | 2.1 | 8 | 86 |
| | Center-tap | FMB-29 | 4.0 | 50 | -40 to +150 | 0.81 | 2.0 | 3 | 15 | 100 | 4 | 2.1 | 10 | 89 |
| | | FMB-29L | 8.0 | 60 | -40 to +150 | 0.81 | 4.0 | 5 | 35 | 100 | 4 | 2.1 | | |
| FMB-39 | | 15 | 60 | -40 to +150 | 0.81 | 7.5 | 10 | 50 | 100 | 2 | 5.5 | 11 | 91 | |
| MPE-29G | | 20 | 120 | -40 to +150 | 0.85 | 10 | 1 | 100 | 150 (Tj) | 2.5 | 1.04 | 9 | 82 | |
| FMB-39M | | 20 | 150 | -40 to +150 | 0.81 | 10.0 | 15 | 60 | 100 | 2 | 5.5 | 11 | 91 | |
| 100 | Center-tap | FME-220A | 20 | 120 | -40 to +150 | 0.85 | 10 | 1 | 100 | 150 (Tj) | 4 | 2.1 | 10 | 90 |
| | | FME-230A | 30 | 150 | -40 to +150 | 0.85 | 15 | 1.5 | 150 | 150 (Tj) | 4 | 2.1 | | |

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

