

Rectifier Diodes

600V

| V _{RM} (V) | Package | Part Number | I _{F(AV)} (A) | I _{FSM} (A) | T _J (°C) | T _{stg} (°C) | V _F (V) | I _R (μA) | | R _{th(j-ℓ)} (°C/W) | R _{th(j-c)} (°C/W) | Mass (g) | Fig. No. | Page where characteristic curve is shown |
|---------------------|------------|-------------|------------------------|--------------------------------------|---------------------|-----------------------|--------------------|---------------------|-----------------------|-----------------------------|-----------------------------|----------|----------|--|
| | | | () is with Heatsink | 50Hz Half-cycle Sinewave Single Shot | | | | max | I _F (A) | | | | | |
| 600 | Axial | AM01A | 1.0 | 35 | -40 to +150 | 0.98 | 1.0 | 10 | 50 | 100 | 22 | 0.13 | 1 | 48 |
| | | EM01A | 1.0 | 45 | -40 to +150 | 0.97 | 1.0 | 10 | 50 | 100 | 20 | 0.2 | 2 | |
| | | EM 1A | 1.0 | 45 | -40 to +150 | 0.97 | 1.0 | 10 | 50 | 100 | 17 | 0.3 | 3 | |
| | | RM 1A | 1.0 | 50 | -40 to +150 | 0.95 | 1.0 | 5 | 50 | 100 | 15 | 0.4 | 4 | |
| | | EM 2A | 1.2 | 80 | -40 to +150 | 0.92 | 1.2 | 10 | 50 | 100 | 17 | 0.3 | 3 | |
| | | RM 11A | 1.2 | 100 | -40 to +150 | 0.92 | 1.5 | 10 | 50 | 100 | 15 | 0.4 | 4 | |
| | | RM 10A | 1.2 | 150 | -40 to +150 | 0.91 | 1.5 | 10 | 50 | 100 | 15 | 0.4 | 4 | |
| | | RM 2A | 1.2 | 100 | -40 to +150 | 0.91 | 1.5 | 10 | 50 | 100 | 12 | 0.6 | 5 | |
| | | RO 2A | 1.2 | 80 | -40 to +150 | 0.92 | 1.5 | 10 | 50 | 100 | 12 | 0.61 | 5 | |
| | Center-tap | RM 3A | 2.5 | 150 | -40 to +150 | 0.95 | 2.5 | 10 | 100 | 100 | 10 | 1.0 | 6 | 50 |
| | | RM 4A | 1.7 (3.0) | 200 | -40 to +150 | 0.95 | 3.0 | 10 | 50 | 100 | 8 | 1.2 | 7 | |
| | | RM 4AM | 1.8 (3.2) | 350 | -40 to +150 | 0.92 | 3.5 | 10 | 50 | 100 | 8 | 1.2 | 7 | |
| | | FMM-26S, R | 10 | 100 | -40 to +150 | 1.1 | 5.0 | 10 | 100 | 100 | 4.0 | 2.1 | 8 | |
| | | FMM-36S, R | 20 | 120 | -40 to +150 | 1.1 | 10 | 10 | 100 | 100 | 2.0 | 5.5 | 9 | |
| | Bridge | RBV-406 | 4.0 | 80 | -40 to +150 | 1.1 | 2.0 | 10 | 100 | 100 | 5.0 | 4.05 | 10 | 51 |
| | | RBV-406H | 4.0 | 120 | -40 to +150 | 0.92 | 2.0 | 10 | 100 | 100 | 5.0 | 4.05 | 10 | 52 |
| | | RBV-406M | 4.0 | 120 | -40 to +150 | 1.0 | 2.0 | 10 | 100 | 100 | 5.0 | 4.05 | 10 | 51 |
| | | RBV-606 | 6.0 | 120 | -40 to +150 | 1.05 | 3.0 | 10 | 100 | 100 | 3.0 | 6.45 | 11 | 52 |
| | | RBV-606H | 6.0 | 140 | -40 to +150 | 1.05 | 3.0 | 10 | 200 | 100 | 3.0 | 6.45 | 11 | |
| | | RBV-4086H | 8.0 | 120 | -40 to +150 | 1.1 | 4.0 | 10 | 100 | 100 (T _J) | 2.0 | 4.05 | 10 | 54 |
| | | RBV-4106M | 10 | 120 | -40 to +150 | 1.0 | 5.0 | 10 | 100 | 100 | 2.0 | 4.05 | 10 | 53 |
| | | RBV-1306 | 13 | 80 | -40 to +150 | 1.2 | 6.5 | 10 | 100 | 100 | 1.5 | 6.45 | 11 | |
| | | RBV-1506S | 15 | 150 | -40 to +150 | 1.1 | 7.5 | 10 | 200 | 100 | 1.5 | 6.45 | 11 | |
| RBV-1506J | | 15 | 150 | -40 to +175 | 1.1 | 7.5 | 10 | 200 | 150 (T _J) | 1.5 | 6.45 | 11 | | |
| RBV-1506 | | 15 | 200 | -40 to +150 | 1.05 | 7.5 | 50 | 200 | 100 | 1.5 | 6.45 | 11 | | |
| RBV-2506 | | 25 | 350 | -40 to +150 | 1.05 | 12.5 | 50 | 200 | 100 | 1.5 | 6.45 | 11 | 54 | |

External Dimensions

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

* : Under development



