

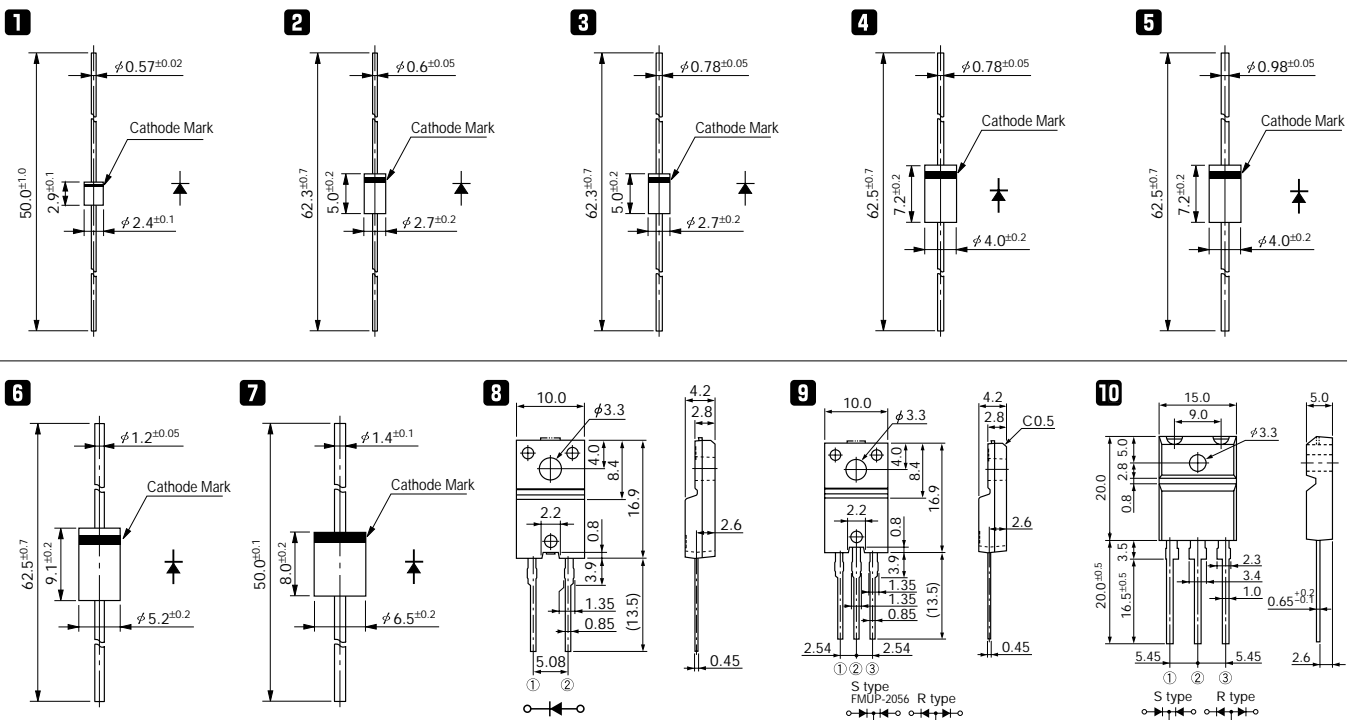
Fast-Recovery Rectifier Diodes 600V

trr ①: I_F/I_R(=I_F) 90% Recovery Point
 (ex. I_F/I_R = 100mA/100mA 90% Recovery Point)
 trr ②: I_F/I_R(=2 I_F) 75% Recovery Point
 (ex. I_F/I_R = 100mA/200mA 75% Recovery Point)

| V _{RM} (V) | Package | Part Number | I _F (AV) (A) () is with Heatsink | I _{FSM} (A) 50Hz Half-cycle Sine-wave Single Shot | T _j (°C) | T _{stg} (°C) | V _F (V) max | I _R (μA) | | Ta (°C) | trr ① (μs) | | trr ② (μs) | | R _{th} (j-ℓ) R _{th} (j-c) (°C/W) | Mass (g) | Fig. No. | Page where characteristic curve is shown |
|---------------------|------------|-------------|---|---|---------------------|-----------------------|------------------------|---------------------|-------------------------------------|---------|-------------------------------------|--------------------------------------|--------------------------------------|---------|--|----------|----------|--|
| | | | | | | | | I _F (A) | V _R =V _{RM} max | | V _R =V _{RM} max | I _F /I _{FP} (mA) | I _F /I _{FP} (mA) | | | | | |
| 600 | Axial | EU01A | 0.25 | 15 | -40 to +150 | 2.5 | 0.25 | 10 | 150 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 20 | 0.2 | 2 | 55 |
| | | EU 1A | 0.25 | 15 | -40 to +150 | 2.5 | 0.25 | 10 | 150 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 17 | 0.3 | 1 | 56 |
| | | RU 1A | 0.25 | 15 | -40 to +150 | 2.5 | 0.25 | 10 | 200 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 15 | 0.4 | 4 | 58 |
| | | AU01A | 0.5 | 15 | -40 to +150 | 1.7 | 0.5 | 10 | 150 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 22 | 0.13 | 1 | 55 |
| | | AS01A | 0.6 | 20 | -40 to +150 | 1.5 | 0.6 | 10 | 50 | 100 | 1.5 | 10/10 | 0.6 | 10/20 | 22 | 0.13 | 1 | 55 |
| | | EH 1A | 0.6 | 30 | -40 to +150 | 1.35 | 0.6 | 10 | 200 | 150 | 4 | 10/10 | 1.3 | 10/20 | 17 | 0.3 | 3 | 56 |
| | | RF 1A | 0.6 | 15 | -40 to +150 | 2.0 | 0.6 | 10 | 200 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 15 | 0.4 | 4 | 57 |
| | | RH 1A | 0.6 | 35 | -40 to +150 | 1.3 | 0.6 | 5 | 70 | 150 | 4 | 10/10 | 1.3 | 10/20 | 15 | 0.4 | 4 | 57 |
| | | ES 1A | 0.7 | 30 | -40 to +150 | 2.5 | 0.8 | 10 | 200 | 100 | 1.5 | 10/10 | 0.6 | 10/20 | 20 | 0.2 | 2 | 56 |
| | | ES01A | 0.7 | 30 | -40 to +150 | 2.5 | 0.8 | 10 | 200 | 100 | 1.5 | 10/10 | 0.6 | 10/20 | 20 | 0.2 | 2 | 55 |
| | | RS 1A | 0.7 | 30 | -40 to +150 | 2.5 | 0.8 | 10 | 200 | 100 | 1.5 | 10/10 | 0.6 | 10/20 | 20 | 0.4 | 4 | 57 |
| | | AU02A | 0.8 | 25 | -40 to +150 | 1.3 | 0.8 | 10 | 250 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 22 | 0.13 | 1 | 55 |
| | | EU02A | 1.0 | 15 | -40 to +150 | 1.4 | 1.0 | 10 | 300 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 20 | 0.2 | 2 | 56 |
| | | EU 2A | 1.0 | 15 | -40 to +150 | 1.4 | 1.0 | 10 | 300 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 17 | 0.3 | 3 | 56 |
| | | RU 2 | 1.0 | 20 | -40 to +150 | 1.5 | 1.0 | 10 | 300 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 15 | 0.4 | 4 | 58 |
| | | RU 2AM | 1.1 | 20 | -40 to +150 | 1.2 | 1.1 | 10 | 300 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 15 | 0.4 | 4 | 58 |
| | | RU 20A | 1.5 | 50 | -40 to +150 | 1.1 | 1.5 | 10 | 350 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 15 | 0.4 | 4 | 58 |
| | | RU 3A | 1.5 | 20 | -40 to +150 | 1.5 | 1.5 | 10 | 400 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 12 | 0.6 | 5 | 59 |
| | | RU 3AM | 1.5 | 50 | -40 to +150 | 1.1 | 1.5 | 10 | 350 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 12 | 0.6 | 5 | 59 |
| | | RU 30A | 2.0 | 200 | -40 to +150 | 0.95 | 2.0 | 10 | 300 | 100 | 0.4 | 100/100 | 0.18 | 100/200 | 10 | 1.0 | 6 | 59 |
| | | RU 31A | 3.0 | 150 | -40 to +150 | 1.2 | 3.0 | 50 | 500 | 100 | 0.4 | 100/100 | 0.18 | 100/200 | 10 | 1.0 | 6 | 59 |
| | | RU 4A | 1.5 (3.0) | 50 | -40 to +150 | 1.5 | 3.0 | 10 | 300 | 100 | 0.4 | 10/10 | 0.18 | 10/20 | 8 | 1.2 | 7 | 60 |
| | | RU 4AM | 2.0 (3.5) | 70 | -40 to +150 | 1.3 | 3.5 | 10 | 300 | 100 | 0.4 | 100/100 | 0.18 | 100/200 | 8 | 1.2 | 7 | 60 |
| | | Frame-2Pin | FMUP-1056 | 5.0 | 30 | -40 to +150 | 1.25 | 5.0 | 50 | 500 | 100 | 0.4 | 100/100 | 0.18 | 100/200 | 4.0 | 2.1 | 8 |
| FMUP-1106 | 10 | | 40 | -40 to +150 | 1.35 | 10 | 50 | 500 | 100 | 0.4 | 100/100 | 0.18 | 100/200 | 4.0 | 2.1 | 8 | 61 | |
| Center-tap | FMU-16S, R | 5.0 | 30 | -40 to +150 | 1.5 | 2.5 | 50 | 500 | 100 | 0.4 | 100/100 | 0.18 | 100/200 | 4.0 | 2.1 | 9 | 61 | |
| | FMUP-2056* | 5.0 | 30 | -40 to +150 | 1.5 | 2.5 | 50 | 500 | 100 (T _j) | 0.4 | 100/100 | 0.18 | 100/200 | 4.0 | 2.1 | 9 | 61 | |
| | FMU-26S, R | 10 | 40 | -40 to +150 | 1.5 | 5.0 | 50 | 500 | 100 | 0.4 | 100/100 | 0.18 | 100/200 | 4.0 | 2.1 | 9 | 62 | |
| | FMU-36S, R | 20 | 80 | -40 to +150 | 1.5 | 10 | 50 | 500 | 100 | 0.4 | 100/100 | 0.18 | 100/200 | 2.0 | 5.5 | 10 | 62 | |

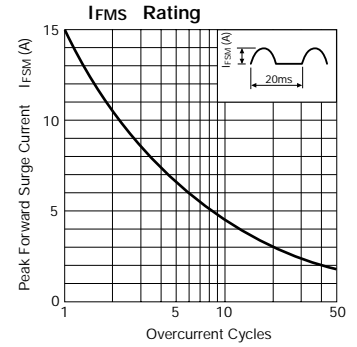
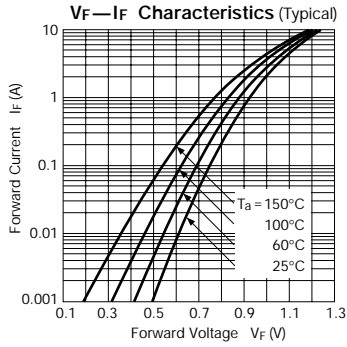
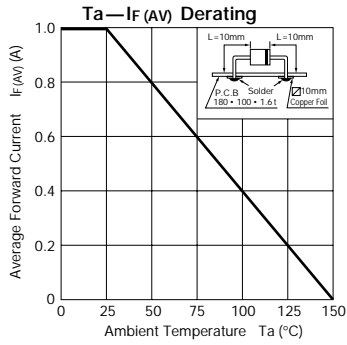
* : Under development

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

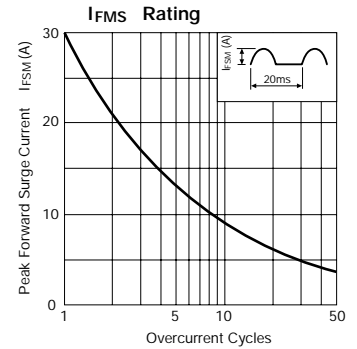
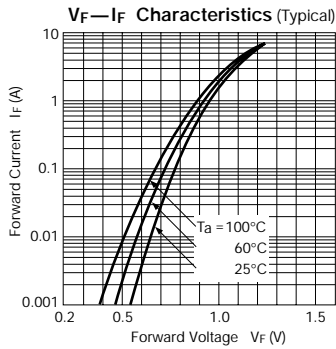
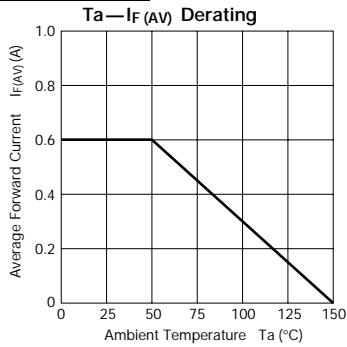


Fast-Recovery Rectifier Diodes

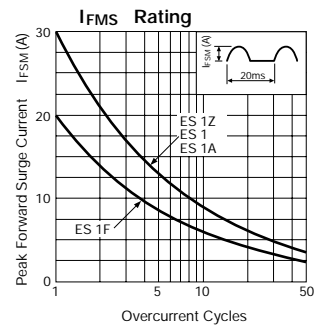
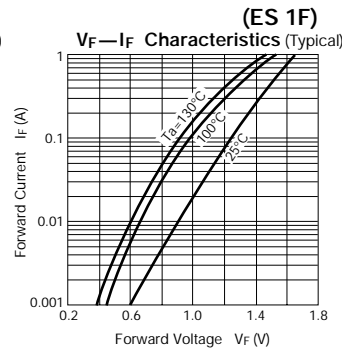
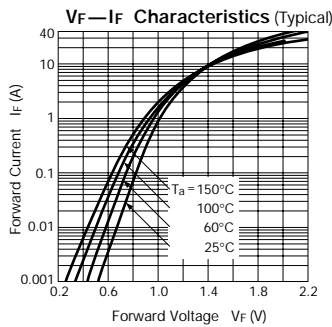
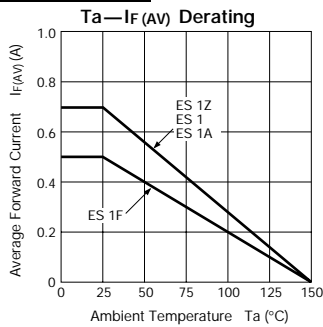
EU02 series



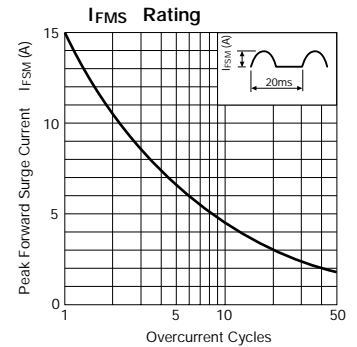
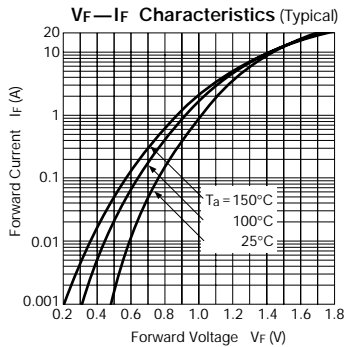
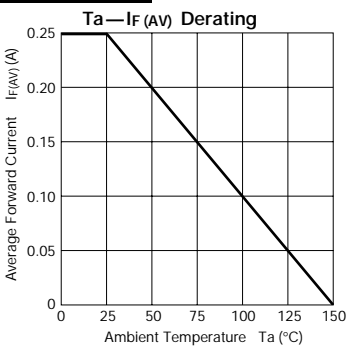
EH 1 series



ES 1 series



EU 1 series



EU 2 series

