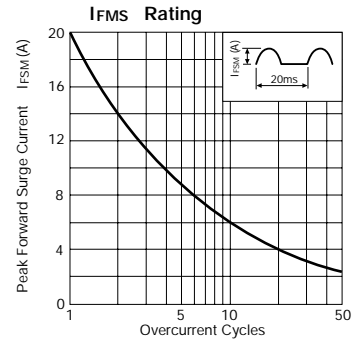
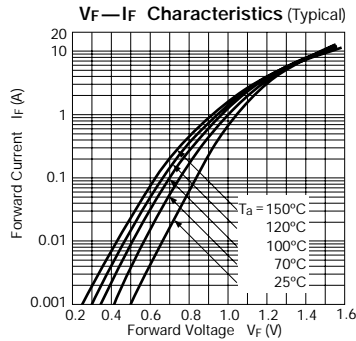
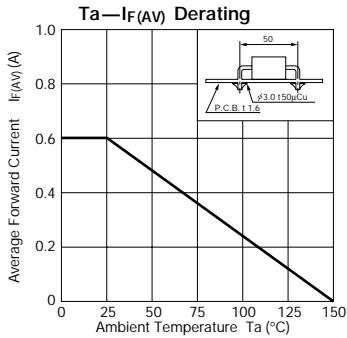


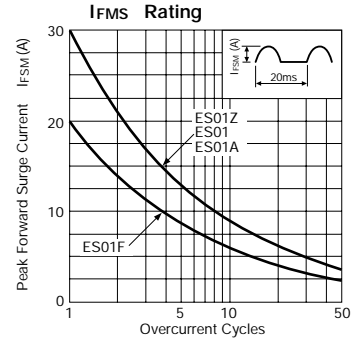
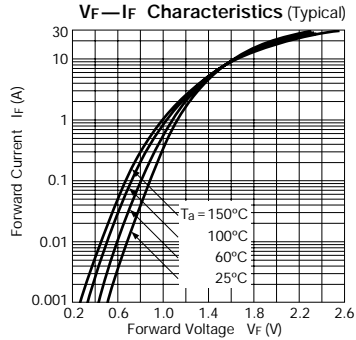
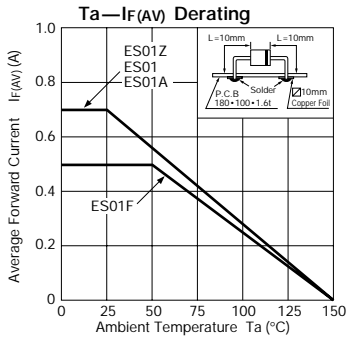
Fast-Recovery Rectifier Diodes

| Type No. | Parameter | Absolute Maximum Ratings | | | | | Electrical Characteristics (Ta=25°C) | | | | | | | Others | | |
|----------|-----------|--------------------------|------------|--|---------|-----------|--------------------------------------|--------|-----------------------|------------------------------------|-----------|-------------|-------------|------------------|----------|------|
| | | VRM (V) | IF(AV) (A) | IFSM (A) 50Hz Half-cycle Sinewave Single Shot | TJ (°C) | Tstg (°C) | VF (V) | | IR (μA) VR=VRM max | IR (H) (μA) VR=VRM Ta=100°C max | trr① (μs) | trr② (μs) | | Rth (j-ℓ) (°C/W) | Mass (g) | Fig. |
| | | | | | | | max | IF (A) | | | | IF/IRP (mA) | IF/IRP (mA) | | | |
| AS01Z | 200 | 0.6 | 20 | -40 to +150 | 1.5 | 0.6 | 10 | 50 | 1.5 | 10/10 | 0.6 | 10/20 | 22 | 0.13 | Ⓐ | |
| AS01 | 400 | | | | | | | | | | | | | | | |
| AS01A | 600 | | | | | | | | | | | | | | | |
| ES01Z | 200 | 0.7 | 30 | | 2.5 | 0.8 | 10 | 200 | 1.5 | 10/10 | 0.6 | 10/20 | 20 | 0.2 | Ⓑ | |
| ES01 | 400 | | | | | | | | | | | | | | | |
| ES01A | 600 | | | | | | | | | | | | | | | |
| ES01F | 1500 | 0.5 | 20 | | 2.0 | 0.5 | 10 | 200 | 1.5 | 10/10 | 0.6 | 10/20 | 17 | 0.3 | Ⓒ | |
| ES 1Z | 200 | | | | | | | | | | | | | | | |
| ES 1 | 400 | | | | | | | | | | | | | | | |
| ES 1A | 600 | 0.7 | 30 | | | | | | | | | | | | | |
| ES 1F | 1500 | 0.5 | 20 | | | | | | | | | | | | | |

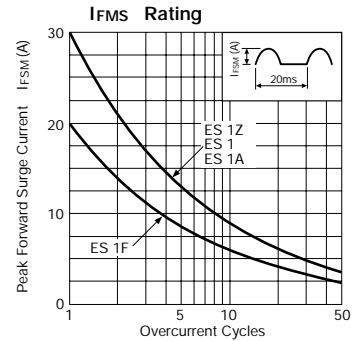
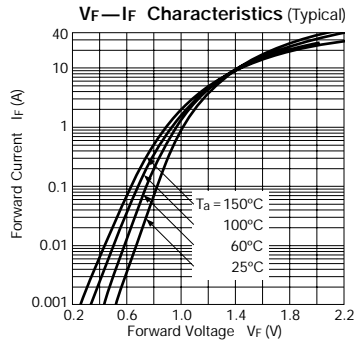
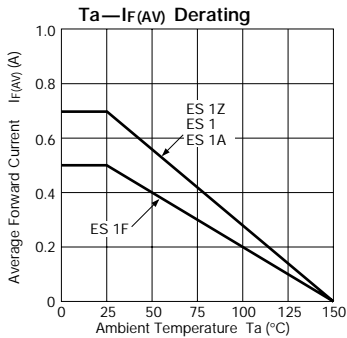
AS01 series



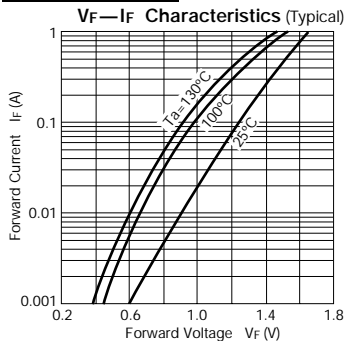
ES01 series



ES 1 series



ES 1F ES 01F



External Dimensions (Unit: mm)

Flammability: UL94V-0 or Equivalent

