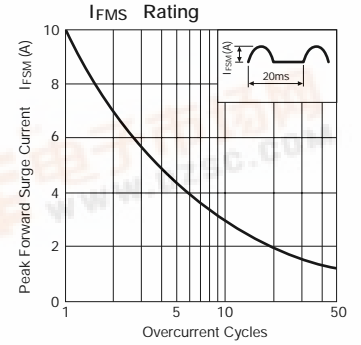
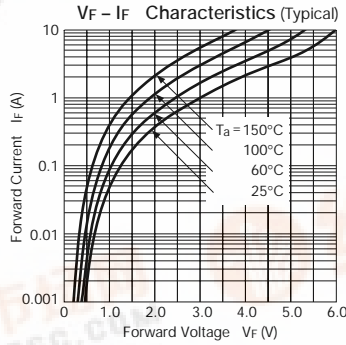
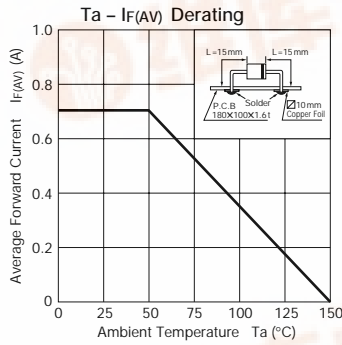


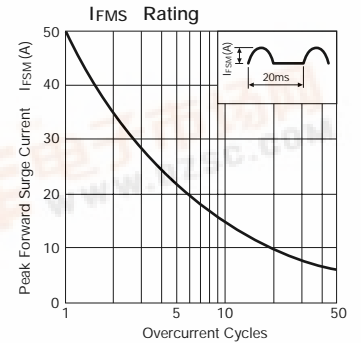
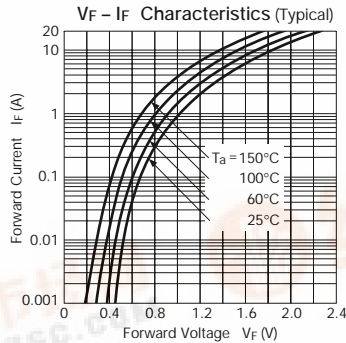
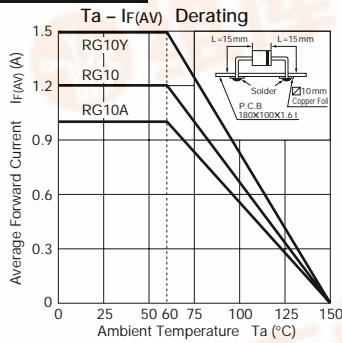
Ultra-Fast-Recovery Rectifier Diodes

| Parameter Type No. | 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 (mA) VR=VRM max | IR(H) (mA) VR=VRM Ta=100°C max | trr① (ns) IF/IRP (mA) | trr② (ns) IF/IRP (mA) | Rth(j-ℓ) (°C/W) | Mass (g) | | | |
| | | | | | | max | IF (A) | | | | | | | | | |
| RG 1C | 1000 | 0.7 | 10 | -40 to +150 | | 3.3 | 0.7 | 0.02 | 0.25 | 100 | 100/100 | 50 | 100/200 | 15 | 0.4 | Ⓐ |
| RG 10Y | 70 | 1.5 | | | | 1.1 | 1.5 | | | | | | | | | |
| RG 10Z | 200 | 1.2 | | | | 1.5 | 1.2 | | | | | | | | | |
| RG 10 | 400 | | | | | 1.8 | 1.5 | | | | | | | | | |
| RG 10A | 600 | 1.0 | | | | 2.0 | 1.0 | | | | | | | | | |
| RG 2Y | 70 | 1.5 | | | | 1.1 | 1.5 | | | | | | | | | |

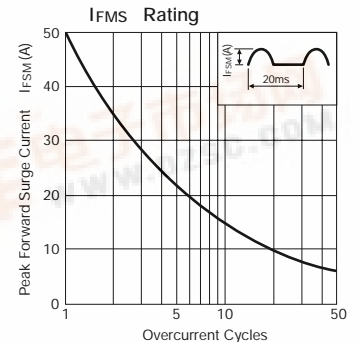
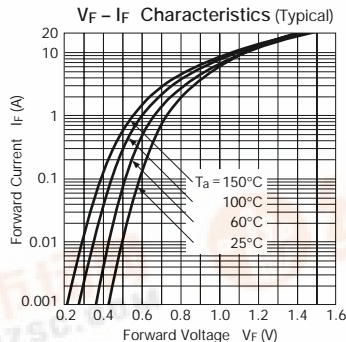
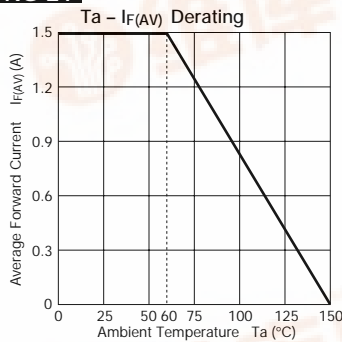
RG 1C



RG10 series



RG 2Y



External Dimensions (Unit: mm)

Flammability:
UL94V-0 or Equivalent

