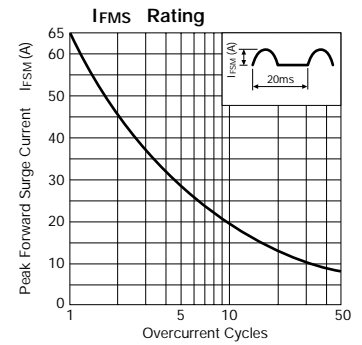
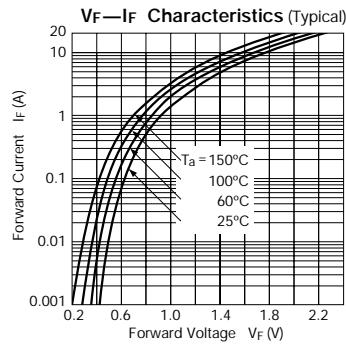
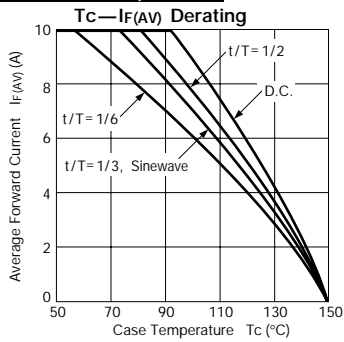


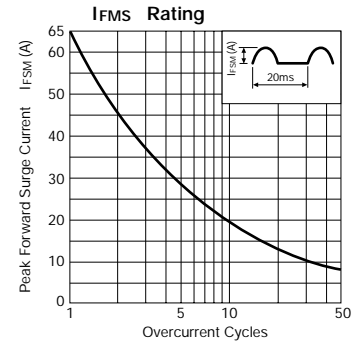
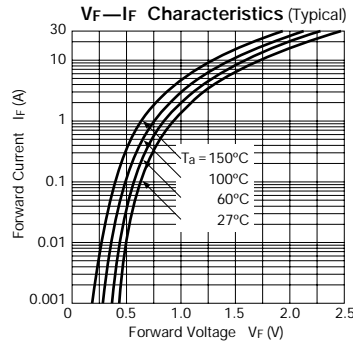
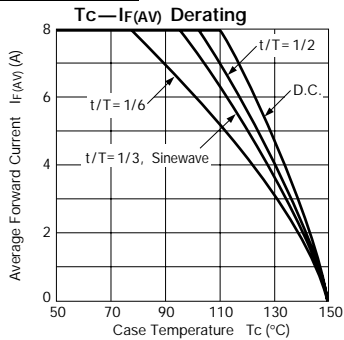
# Ultra-Fast-Recovery Rectifier Diodes

| Parameter<br>Type No. | Absolute Maximum Ratings |                             |   |             |           | Electrical Characteristics (Ta = 25°C) |        |  |  |              |             |              | Others  |                  |          |   |
|-----------------------|--------------------------|-----------------------------|---|-------------|-----------|--|--------|--|--|--------------|-------------|--------------|---------|------------------|----------|---|
|                       | VRM (V)                  | IF(AV) (A)<br>With Heatsink | IFSM (A)<br>50Hz Half-cycle Sinewave<br>Single Shot | Tj (°C)     | Tstg (°C) | VF (V)                                 |        | IR (mA)<br>VR = VRM<br>max per element | IR (H) (mA)<br>VR = VRM, Ta = 100°C<br>max per element | trr (1) (ns) |             | trr (2) (ns) |         | Rth (j-c) (°C/W) | Mass (g) |   |
|                       |                          |                             |   |             |           | max per element                        | IF (A) |  |  | IF/IRP (mA)  | IF/IRP (mA) |              |         |                  |          |   |
| FMG-22S/R             | 200                      | 10.0                        | 65  | -40 to +150 |           | 1.8                                    | 5.0    | 0.5                                    | 2.5  | 100          | 100/100     | 50           | 100/200 | 4.0              | 2.1      | Ⓐ |
| FMG-23S/R             | 300                      |                             |   |             |           | 2.0                                    |        |  |  |              |             |              |         |                  |          |   |
| FMG-24S/R             | 400                      | 8.0                         | 50  | 2.2         | 3.0       | 3.0                                    |        |  |  |              |             |              |         |                  |          |   |
| FMG-26S/R             | 600                      | 6.0                         |   |             |           |  |        |  |  |              |             |              |         |                  |          |   |

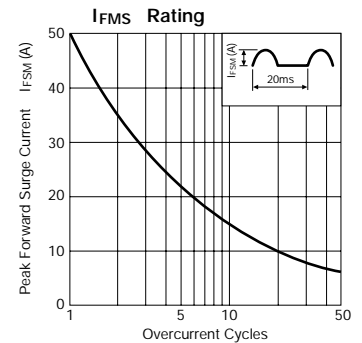
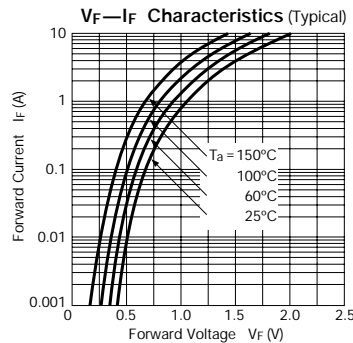
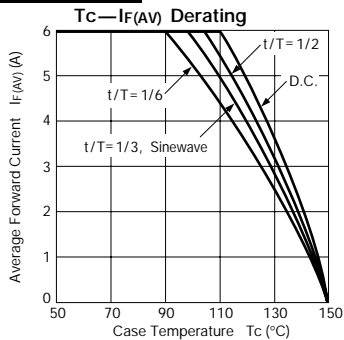
## FMG-22S/R, 23S/R



## FMG-24S/R



## FMG-26S/R



## External Dimensions

(Unit: mm) (Full-mold)

Flammability:  
UL94V-0 or Equivalent

Fig. Ⓐ

