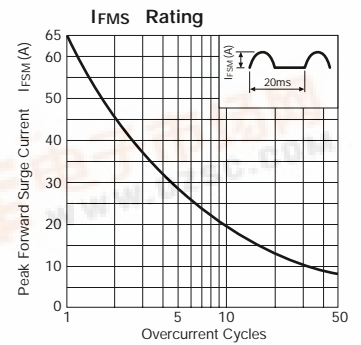
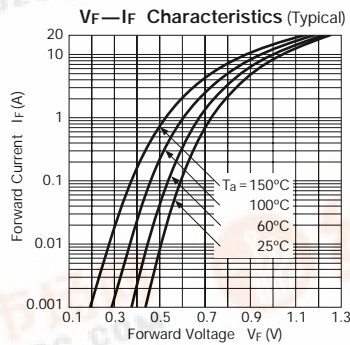
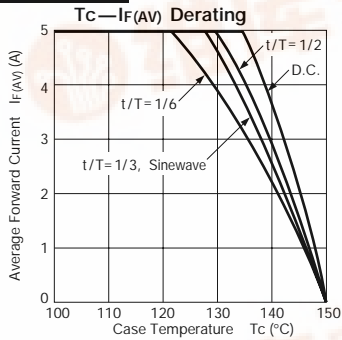


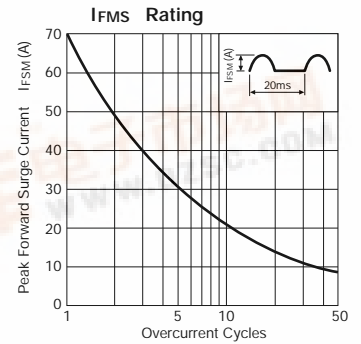
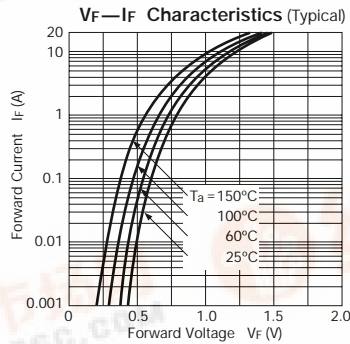
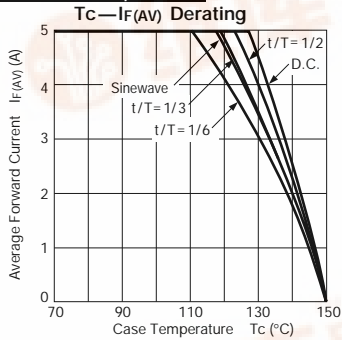
Ultra-Fast-Recovery Rectifier Diodes

| Parameter Type No. | Absolute Maximum Ratings | | | | | Electrical Characteristics (Ta=25°C) | | | | | | Others | | | | |
|-----------------------|--------------------------|--|---|------------------------|--------------------------|--------------------------------------|-----------------------|---|---|-----------------------------|-----------------------------|--------------------------------|-------------|------|---|---|
| | V _{RM} (V) | I _{F(AV)} (A) With Heatsink | I _{FSM} (A) 50Hz Half-cycle Sinewave Single Shot | T _J (°C) | T _{stg} (°C) | V _F (V) | | I _R (mA) V _R = V _{RM} max | I _{R(H)} (mA) V _R = V _{RM} Ta = 100°C max | t _{rr} (1) (ns) | t _{rr} (2) (ns) | R _{th(j-c)} (°C/W) | Mass (g) | Fig. | | |
| | | | | | | max | I _F (A) | | | | | | | | I _F /I _{RP} (mA) | I _F /I _{RP} (mA) |
| FML-G12S | 200 | 5.0 | 65 | -40 to +150 | | 0.98 | 5.0 | 0.1 | 1.0 | 40 | 30 | 4.0 | 2.1 | A | | |
| FML-G13S | 300 | | | | | 1.30 | | | | | | | | | 100/100 | 100/200 |
| FML-G14S | 400 | | | | | 1.50 | | | | | | | | | 500/500 | 500/1000 |
| FML-G16S | 600 | | | | | | | | | | | | | | | |

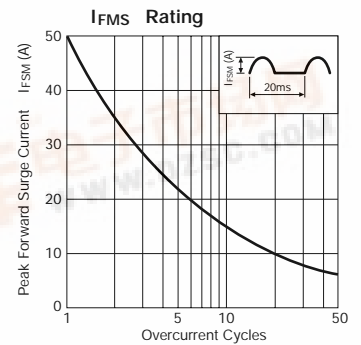
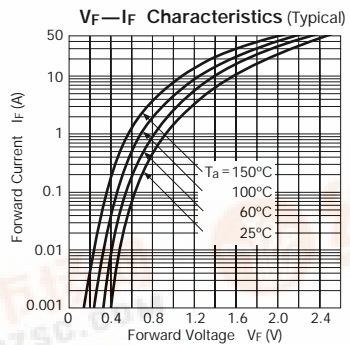
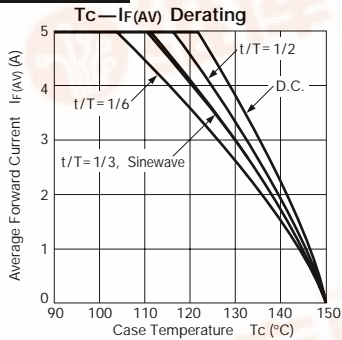
FML-G12S



FML-G13S, G14S



FML-G16S



External Dimensions

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

