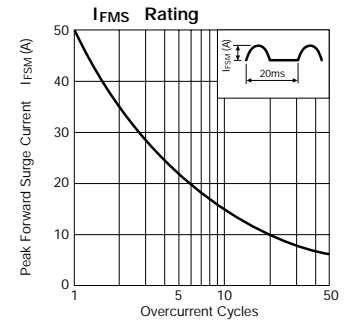
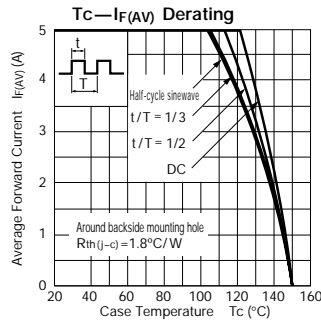
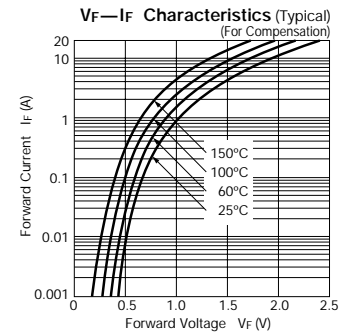
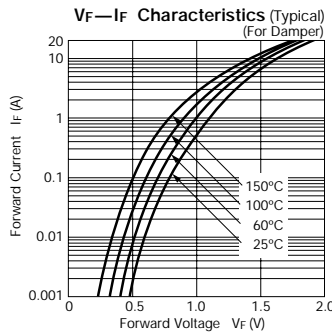
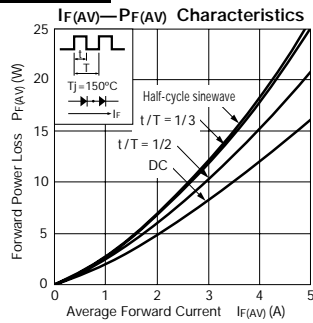


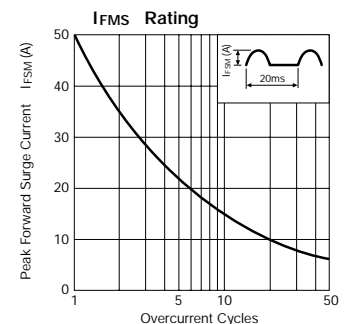
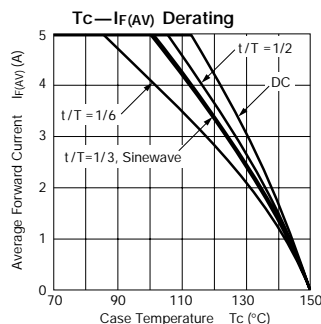
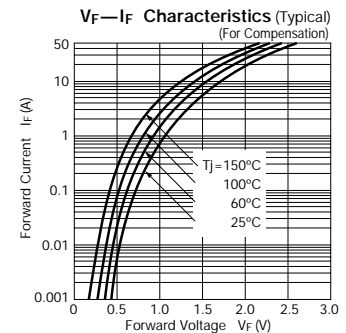
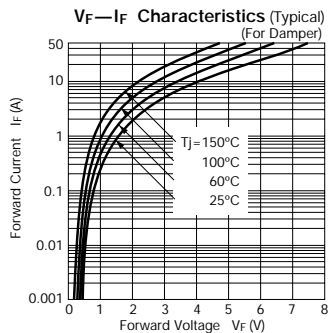
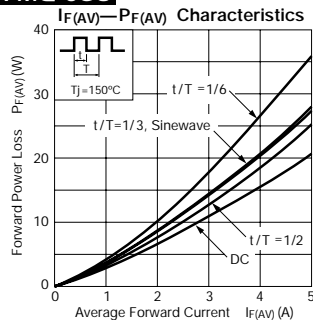
Damper diode (Diode modulation for Displays)

| 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 (μA) | IR (H) (mA) | t _{rr} (1) (μs) | t _{rr} (2) (μs) | Rth (J-ℓ) (°C/W) | Mass (g) | Fig. | | | | |
| | | | | | | max | IF (A) | VR=VRM max | VR=VRM Ta=100°C max | IF/IRP (mA) | IF/IRP (mA) | | | | | | |
| FMP-3FU | 1500 | 5.0 | 50 | -40 to +150 | 5.0 | 2.0 | 50 | 0.5 | 500/500 | 500/1000 | 1.8 | 6.5 | Ⓐ | | | | |
| | 600 | | | | | 2.5 | | | | | | | | 0.1 | | | |
| FMQ-3GU | 1700 | | | | | 2.0 | 1.0 | 0.7 | | | | | | 0.3 | | | |
| | 800 | | | | | 4.0 | 100 | 0.5 | | | | | | 0.07 | 0.04 | | |
| FMP-2FUR | 1500 | | | | | 2.0 | 3.0 (Tj=150°C) | 0.7 | | | | | | 0.3 | 4.0 | 2.1 | Ⓑ |
| | 600 | | | | | 2.5 | 0.1 | 0.05 | | | | | | | | | |

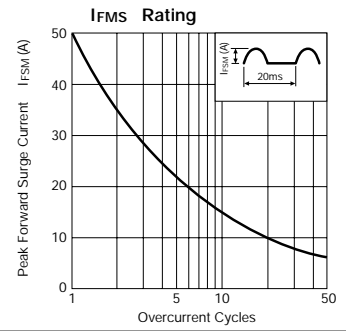
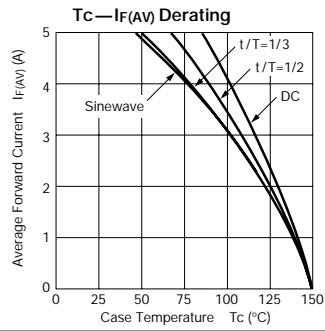
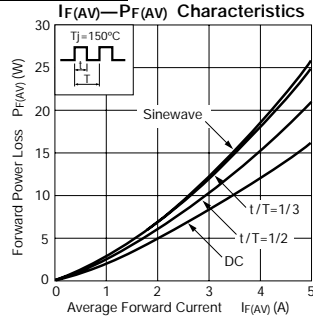
FMP-3FU



FMQ-3GU



FMP-2FUR



External Dimensions

(Unit: mm) (Full-mold)

Flammability:
UL94V-0 or Equivalent

A: Damper Diodes
B: Compensation diode

