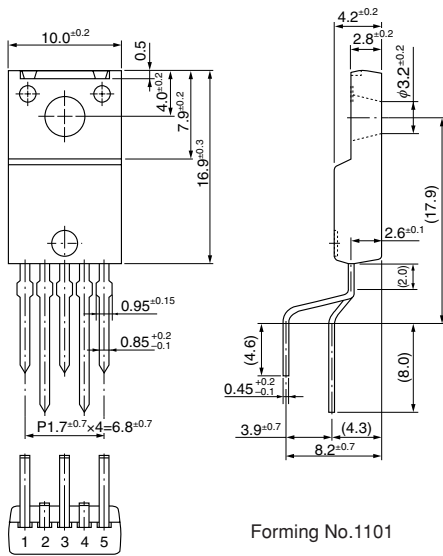


■External Dimensions (TO220F-5)

(Unit : mm)



Pin Assignment

- ① VIN
- ② SWOUT
- ③ GND
- ④ Vos
- ⑤ ON/OFF

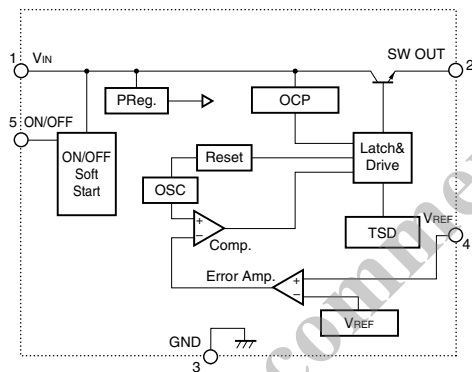
Plastic Mold Package Type

Flammability: UL94V-0

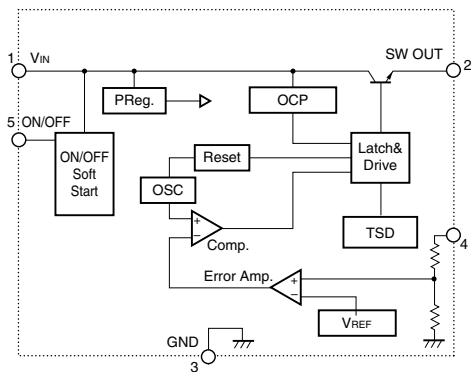
Product Mass: Approx. 2.3g

■Block Diagram

SI-8015JF

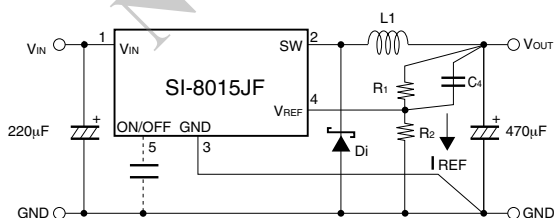


8033JF, 8050JF, 8120JF



■Typical Connection Diagram

SI-8015JF

 I_{REF} shall be approx. 2mA.

C1 : 50V/220µF

C2 : 25V/470µF

C3 : 10V/0.47µF (Only when using soft-start function)

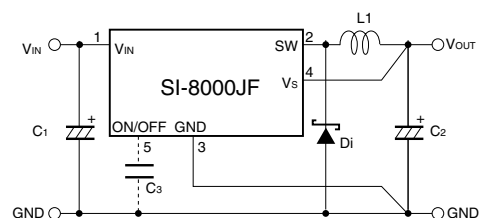
C4 : 6800pF

L1 : 100µH

Di : RK16 (Sanken)

$$V_{OUT} = \frac{V_{REF} \times (R_1 + R_2)}{R_2}$$

8033JF, 8050JF, 8120JF



C1 : 50V/220µF

C2 : 25V/470µF

C3 : 10V/0.47µF (Only when using soft-start function)

L1 : 100µH

Di : RK16 (Sanken)