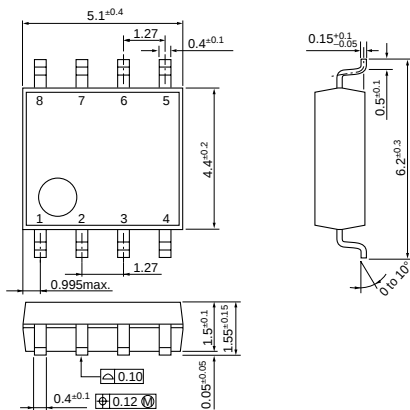


■External Dimensions (SOP8)

(Unit : mm)



Pin Assignment

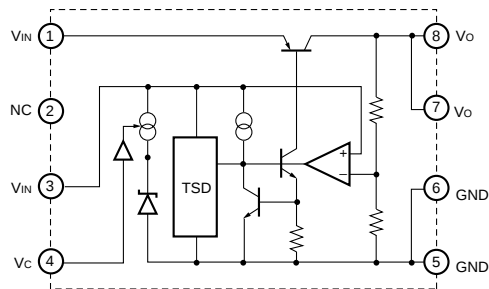
- ① V_{IN}
- ② NC (Leave open)
- ③ V_{IN}
- ④ V_C
- ⑤ GND
- ⑥ GND
- ⑦ V_O
- ⑧ V_O

Plastic Mold Package Type

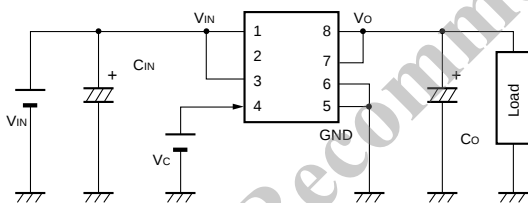
Flammability: UL94V-0

Product Mass: Approx. 0.1g

■Block Diagram



■Typical Connection Diagram

 C_O : Output capacitor (22 μ F or larger) C_{IN} : Input capacitor (10 μ F)

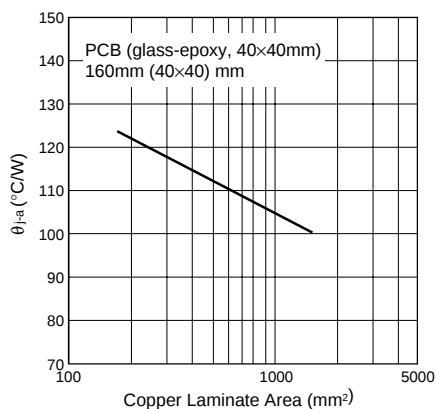
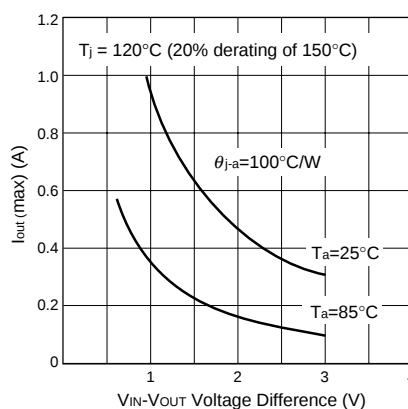
This capacitor is required in the case of an inductive input line or long wiring.

Tantalum capacitors are recommended for C_{IN} and C_O , particularly at low temperatures.

* Leave pin 2 open.

■Reference Data

PCB Copper Laminate Area vs. Junction to Ambient Air Thermal Resistance

Allowable Output Current (vs. $V_{IN}-V_{OUT}$ Voltage Difference)
 $V_{IN}-I_O$ maxThe inner frame stage, on which the PTR is mounted, is directly connected to the V_{OUT} pin.Therefore, enlarging the copper laminate area around the V_{OUT} pin is really effective for a heat radiation.