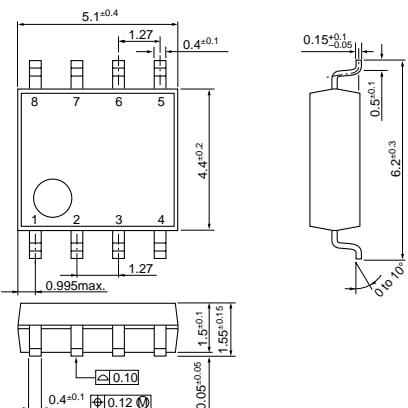




## ■External Dimensions (SOP8)

(Unit : mm)



### Pin Assignment

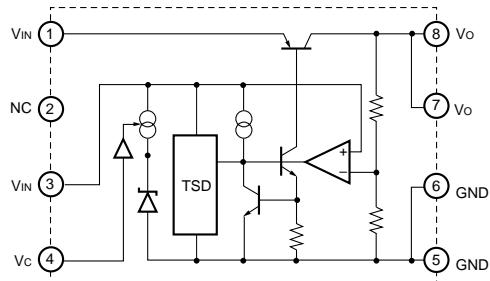
- ① VIN
- ② NC (Leave open)
- ③ VIN
- ④ Vc
- ⑤ GND
- ⑥ GND
- ⑦ Vo
- ⑧ Vo

### Plastic Mold Package Type

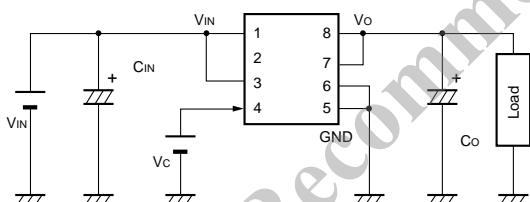
Flammability: UL94V-0

Product Mass: Approx. 0.1g

## ■Block Diagram



## ■Typical Connection Diagram



Co: Output capacitor (22 µF or larger)

CIN: Input capacitor (10 µF)

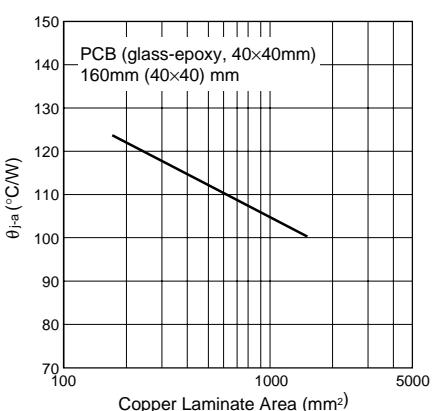
This capacitor is required in the case of an inductive input line or long wiring.

Tantalum capacitors are recommended for CIN and Co, particularly at low temperatures.

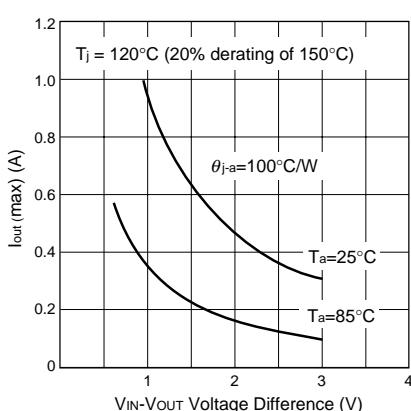
\* Leave pin 2 open.

## ■Reference Data

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



### Allowable Output Current (vs. VIN-Vout Voltage Difference) VIN-Io max



The inner frame stage, on which the PTr is mounted, is directly connected to the Vout pin.

Therefore, enlarging the copper laminate area around the Vout pin is really effective for a heat radiation.