

超小型高压電源
Ultra Compact High-Voltage Power Source

RoHS
受注生産対応品
Make to order product

特長

- 独自に開発した圧電トランスと専用ICレスとなる新回路方式の採用により、大幅な小型化を実現
- ユーザー実装効率アップ

HBL-5080、HBL-5081、HBL-5091、HBL-5092

- 出力可変特性 (0~5Vのコントロール電圧により可変)

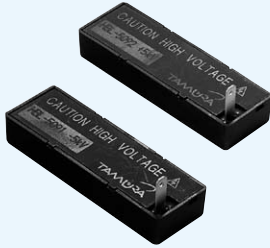
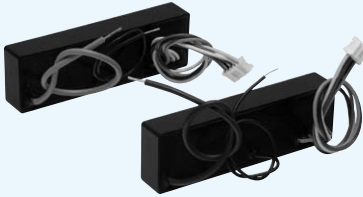
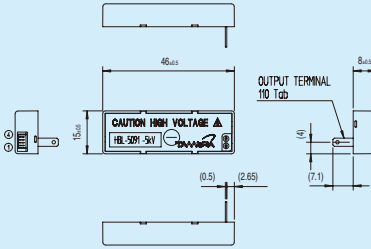
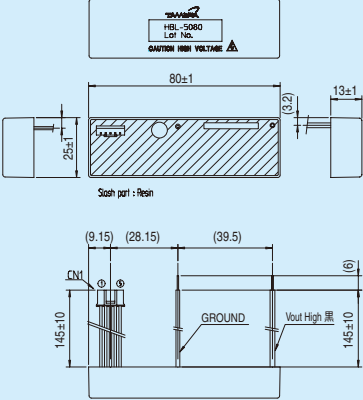
Features

- Drastic miniaturization was realized by use of materials developed on our own method for piezoelectric transformers and by the adoption of new circuit system which requires no special IC.
- Increase in mounting efficiency by users

HBL-5080, HBL-5081, HBL-5091, HBL-5092

- Output voltage changeable characteristic by control voltage.(0~5V)

電気的仕様 Electrical Specifications

| カタログ品番 Model No. | HBL-5091 | HBL-5092 | HBL-5080 | HBL-5081 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 入力電圧 Input voltage | V | DC12±10% | | DC24±10% |
| 出力電圧 Output voltage | kV | -1~-5 MAX | 1~5MAX | -4~-8MAX |
| 出力電流 Output current | μA | -10 <-5kV> ~ -40 <-1kV> | 10 <5kV> ~ 40 <1kV> | 最大 -80 |
| 制御方式 Control system | 定電圧制御 Constant voltage control | | 定電圧制御 Constant voltage control | |
| 外部コントロール Outside control | V | 0 <-1kV> ~ 5 <-5kV> | 0 <-4kV> ~ 5 <-8kV> | 0 <4kV> ~ 5 <8kV> |
| 質量 Dimensions | g | 7 | | 41 |
| 異常信号 Abnormal signal | 出力過負荷時シャットダウン Shut-down at overload of output | | 出力過負荷時アラーム出力 Alarm put out at overload of output | |
| イオン量 Ion quantity | - | | - | |
| 外観 External view |  | |  | |
| 外形図/インタフェース Dimensions/Interface |  <p>INPUT CONNECTOR 1: Vin 2: GND 3: ON/OFF 4: OUT CONTROL</p> <p>Unit: mm</p> | |  <p>INPUT CONNECTOR 1: SALARM 2: PHOCN 3: A/D 4: GND 5: ON/OFF</p> <p>Unit: mm</p> | |

※ : 当社測定基準による

* : According to our company's measurement standard.