

High Voltage Power Supply



- High Reliability through use of Piezoelectric Transformer
- Thin Design
- Low Output Voltage warning terminal
- ON/OFF Terminal

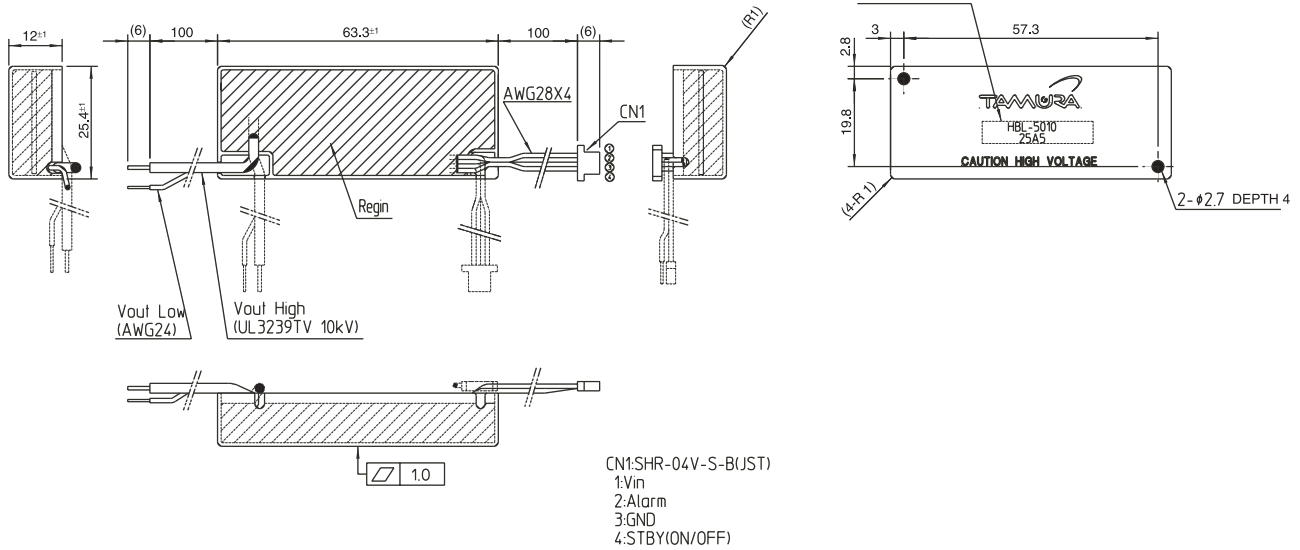
Contact Tamura for Custom Designs

| Part # | Shape | Input Voltage | Output Voltage | Abnormal Output Monitor | ON/OFF Voltage | Operating Temperature Range | Preserving Temperature Range |
|----------|-----------------|-------------------------------|--|--|---|---|------------------------------|
| HBL-5010 | Horizontal type | DC12V±10% (Full mold type) | Output Voltage: DC -5.5kV± (Iin=100mA) The fuse for protection is not built into. | Signals will be put out if 15%(10GΩ=no load) Drooping Characteristic: -5.5kV (no load) > 2.75kV (about 5.5μ A, load) | ON:ON/OFF terminal output voltage becomes lower than about -2kV. > Low output with open drain (sink current 20mA MAX) *Connector 1 pin #2 (Open drain): accept over 4.5V | 0~50°C HIGH (2.0V~Vin) OFF : ON/OFF terminal signal LOW (0~0.8V) Until Vin voltage reaches the spec voltage, it does not change ON/OFF function from LOW to HIGH | -10~60°C |

Piezo Technology

Mechanical Dimensions

All dimensions are typical, please contact Tamura for tolerances and suggested layout information.



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