NANA ENGINEERING

High Quality **CP Type Current Sensor**

Bipolar power supply Chassis mounting

# Features

High reliability

For large current

Low power consumption

Extended measuring range

For railway

## Open Loop Type

RoHS Compliant

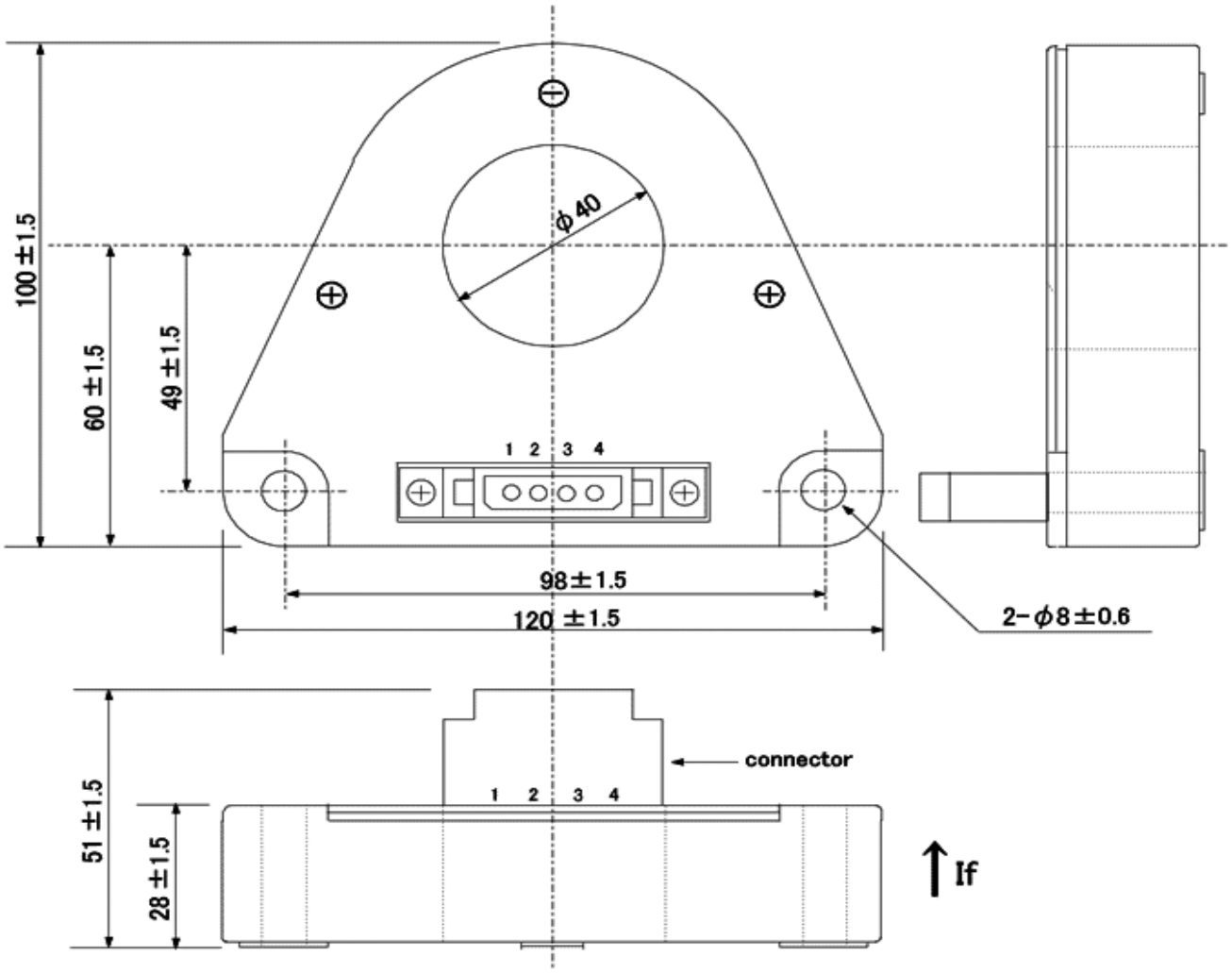
## Specifications

Ta=25℃

| Product name | Code:2202 | | CP-3000 |
|---|---|---|---|
| | Symbol | Unit | |
| Nominal input current | If(n) | AT | ±3000 |
| Saturation current | If(s) | AT | ±3300 |
| Nominal Output Voltage | Vh | V | ±10±0.100 [at If(n)] |
| Load resistance | RL | Ω | 2k |
| Offset Voltage | Vo | V | 0±0.030 [at 0A] |
| Supply Voltage | Vcc | V DC | ±15±5% |
| Consumption Current | Icc | mA | ±35 Max. |
| Response Speed | Trr | μsec | 100 Max. [at di/dt=100A/μsec] |
| Thermal Drift of Vh | | %/℃ | ±0.05 Max. [at Ta=-40 to+80℃] |
| Thermal Drift of Vo | | mV/℃ | ±1 Max. [at Ta=-40 to+80℃] |
| Dielectric Strength | | kV | AC 2.5 [with 50 or 60 Hz 1min.] |
| Insulation Resistance | | Ω | 500M Min. [at 500V DC] |
| Operating Temperature | Ta | ℃ | -40 to +80 |
| Storage Temperature | Ts | ℃ | -40 to +85 |
| Hysteresis Error | | mV | 50 Max. [at If --> 0] |

Dimensions

Unit : mm

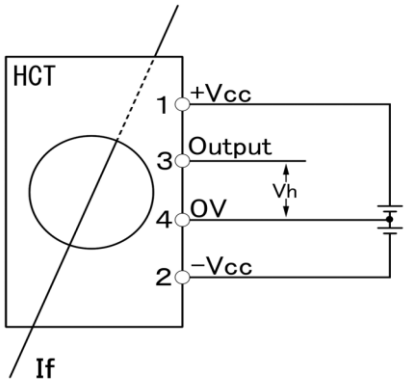



Connector Type[TE34-4-16P-F0] Maker[JAE]

CP-21023

| Product Name | Mass |
|---|---|
| CP-3000 | 390g |

Connection

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*The specification (in this catalogue) are subject to minor changes without prior notice.

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