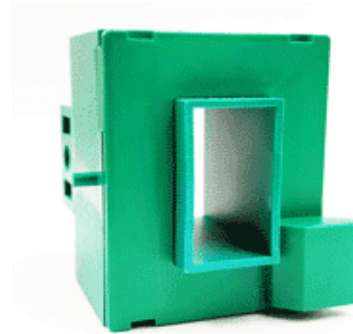


## Advantages

- High reliability
- Compact and lightweight
- Low power consumption
- Extended measuring range
- Low cost

## Open Loop Type



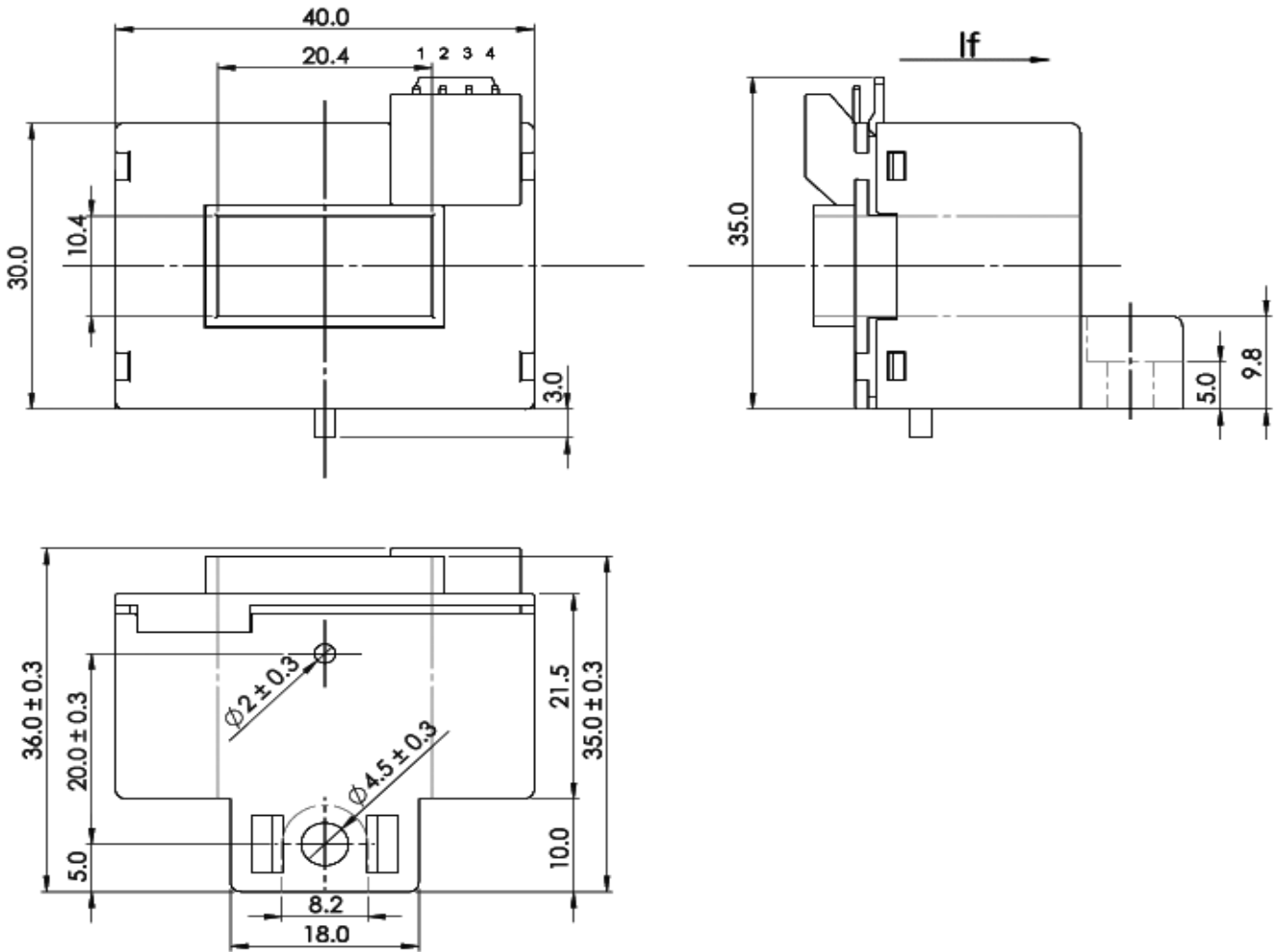
## Specifications

Ta=25°C

| Product name           | Code:1208 |       | CS-40USF                        |
|------------------------|-----------|-------|---------------------------------|
|                        | Symbol    | Unit  |                                 |
| Nominal input current  | If(n)     | AT    | ±400                            |
| Saturation current     | If(s)     | AT    | ±900                            |
| Nominal Output Voltage | Vh        | V     | ±4±0.040 [at If(n)]             |
| Load resistance        | RL        | Ω     | 10k                             |
| Offset Voltage         | Vo        | V     | 0±0.015 [at 0A]                 |
| Supply Voltage         | Vcc       | V DC  | ±15±5%                          |
| Consumption Current    | Icc       | mA    | ±22 Max.                        |
| Response Speed         | Trr       | μ sec | 5 Max. [at di/dt=100A/μ sec]    |
| Thermal Drift of Vh    |           | %/°C  | ±0.08 Max. [at If(n)]           |
| Thermal Drift of Vo    |           | mV/°C | ±1 Max. [at 0A]                 |
| Dielectric Strength    |           | kV    | AC 2.5 [with 50 or 60 Hz 1min.] |
| Insulation Resistance  |           | Ω     | 500M Min. [at 500V DC]          |
| Operating Temperature  | Ta        | °C    | -20 to +80                      |
| Storage Temperature    | Ts        | °C    | -25 to +85                      |
| Hysteresis Error       |           | mV    | ±10 Max. [at If --> 0]          |

Dimensions

Unit : mm



Connector Type[22-12-1042] Maker[Molex]

CSH-21039

|              |      |
|--------------|------|
| Product Name | Mass |
| CS-40USF     | 54g  |

Connection



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