NANA ENGINEERING

High Quality CT-4 Type Current Sensor

Bipolar power supply Chassis mounting

Features

High reliability

For large current

Low power consumption

Extended measuring range

Open Loop Type

RoHS Compliant

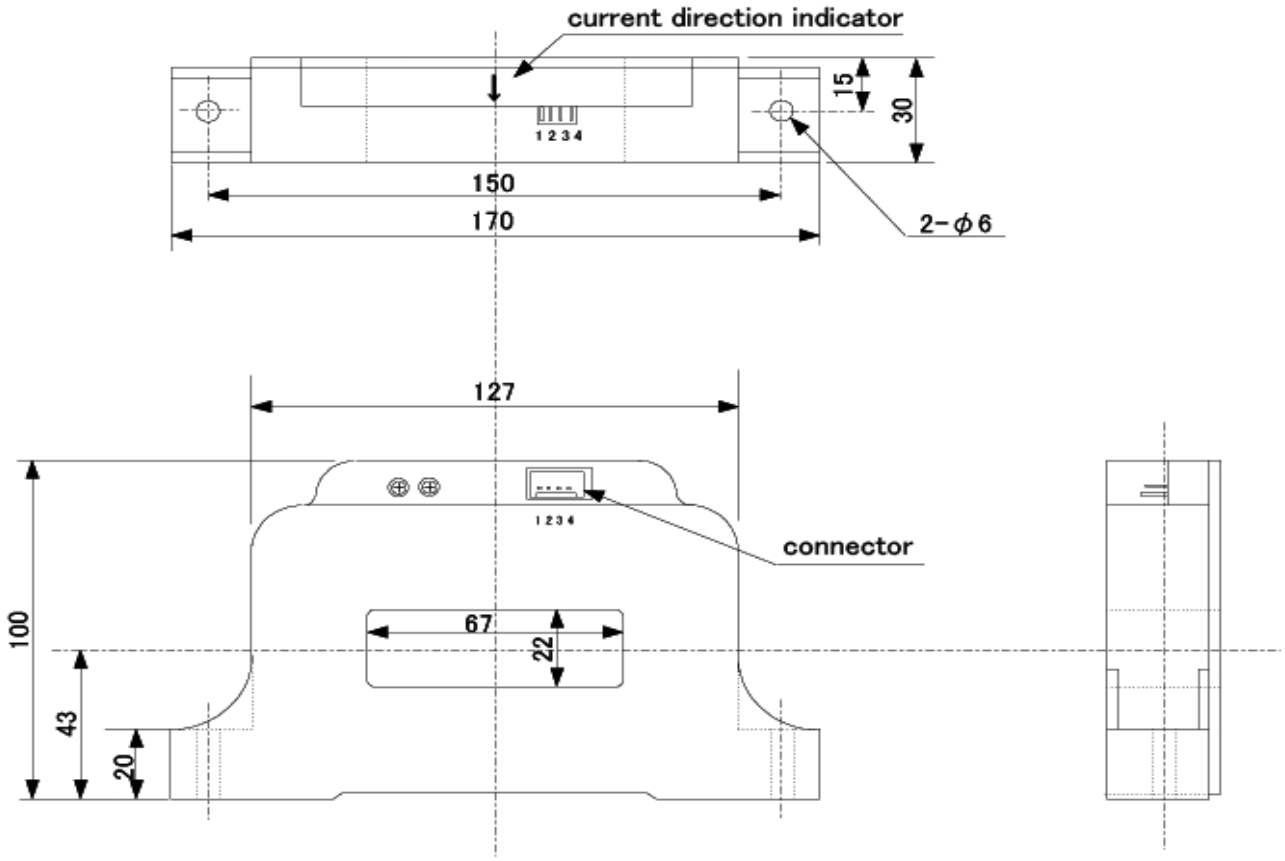
Specifications

Ta=25℃

Product name	Code:1937		CT-5000-4
	Symbol	Unit	
Nominal input current	If(n)	AT	±5000
Saturation current	If(s)	AT	±7000
Nominal Output Voltage	Vh	V	±4±0.040 [at If(n)]
Load resistance	RL	Ω	10k
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	10 Max. [at di/dt=100A/μsec]
Thermal Drift of Vh		%/℃	±0.1 Max. [at If(n)]
Thermal Drift of Vo		mV/℃	±1 Max.
Dielectric Strength		kV	AC 3 [with 50 or 60 Hz 1min.]
Insulation Resistance		Ω	500M Min. [at 500V DC]
Operating Temperature	Ta	℃	-20 to +80
Storage Temperature	Ts	℃	-25 to +85
Hysteresis Error		mV	70 Max. [at If --> 0]

Dimensions

Unit : mm

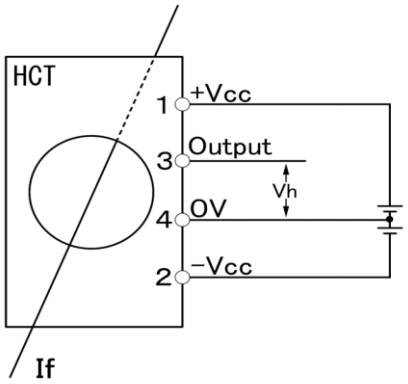


Connector Type[22-11-1041] Maker[Molex]

CT2-21037

Product Name	Mass
CT-5000-4	970g

Connection



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

The edition of March 2023