NANA ENGINEERING

High Quality CT 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

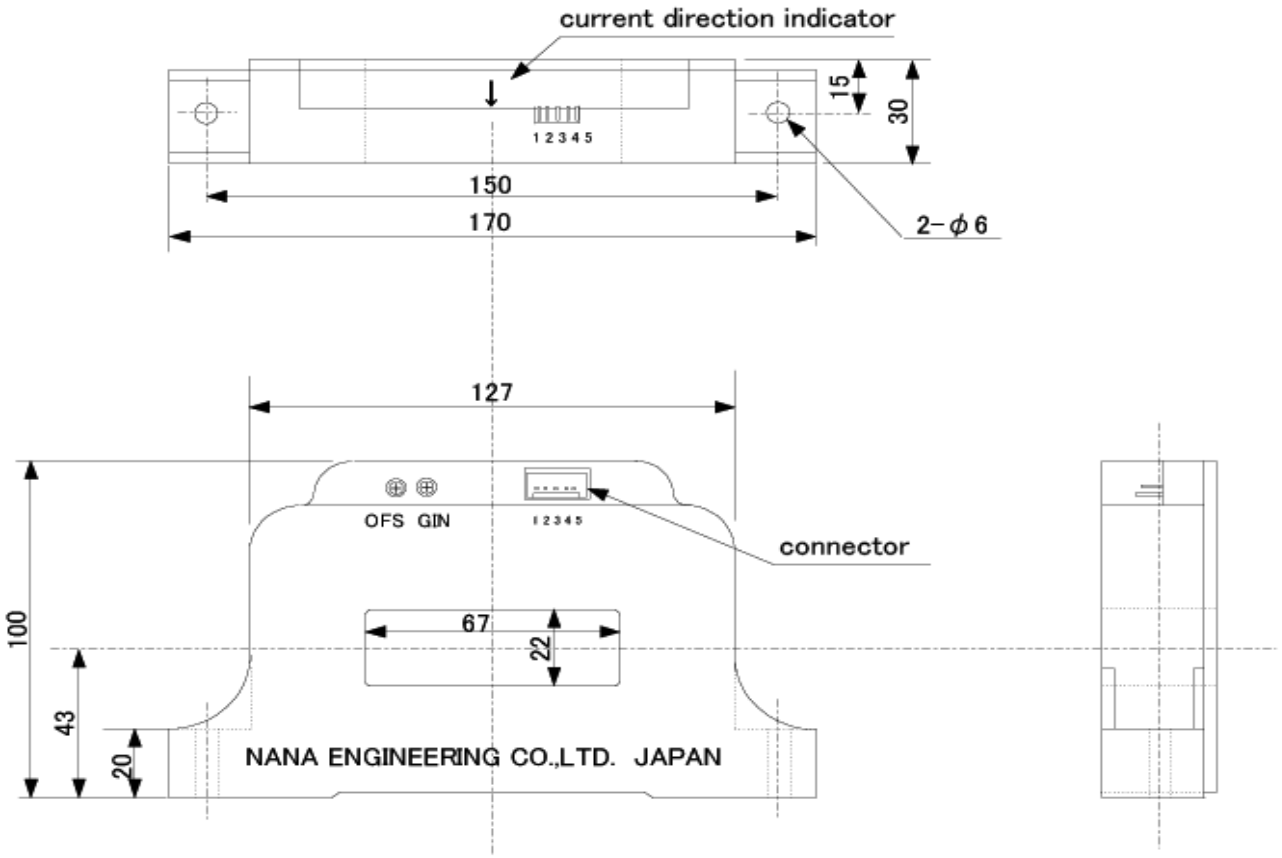
Specifications

Ta=25℃

Product name	Code:1939		CT-5000
	Symbol	Unit	
Nominal input current	If(n)	AT	±5000
Saturation current	If(s)	AT	±5500
Nominal Output Voltage	Vh	V	±10±0.100 [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	7 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 2.5 [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

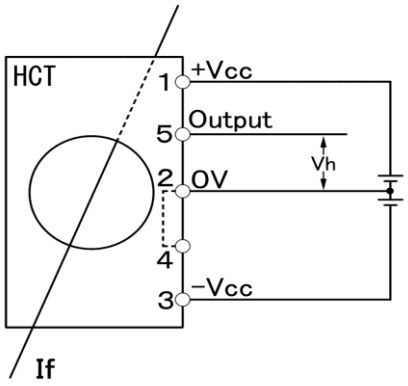


Connector Type[22-11-1051] Maker[Molex]

CT-21017

Product Name	Mass
CT-5000	970g

Connection



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

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