NANA ENGINEERING

High Quality CDA Type Current Sensor

Bipolar power supply Chassis mounting

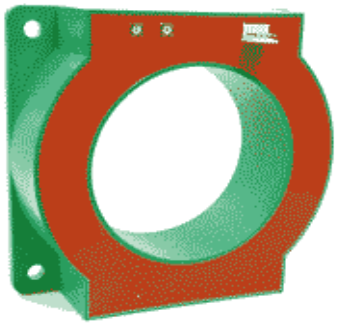
Features

High reliability

For large current

Low cost

Open Loop Type



RoHS Compliant

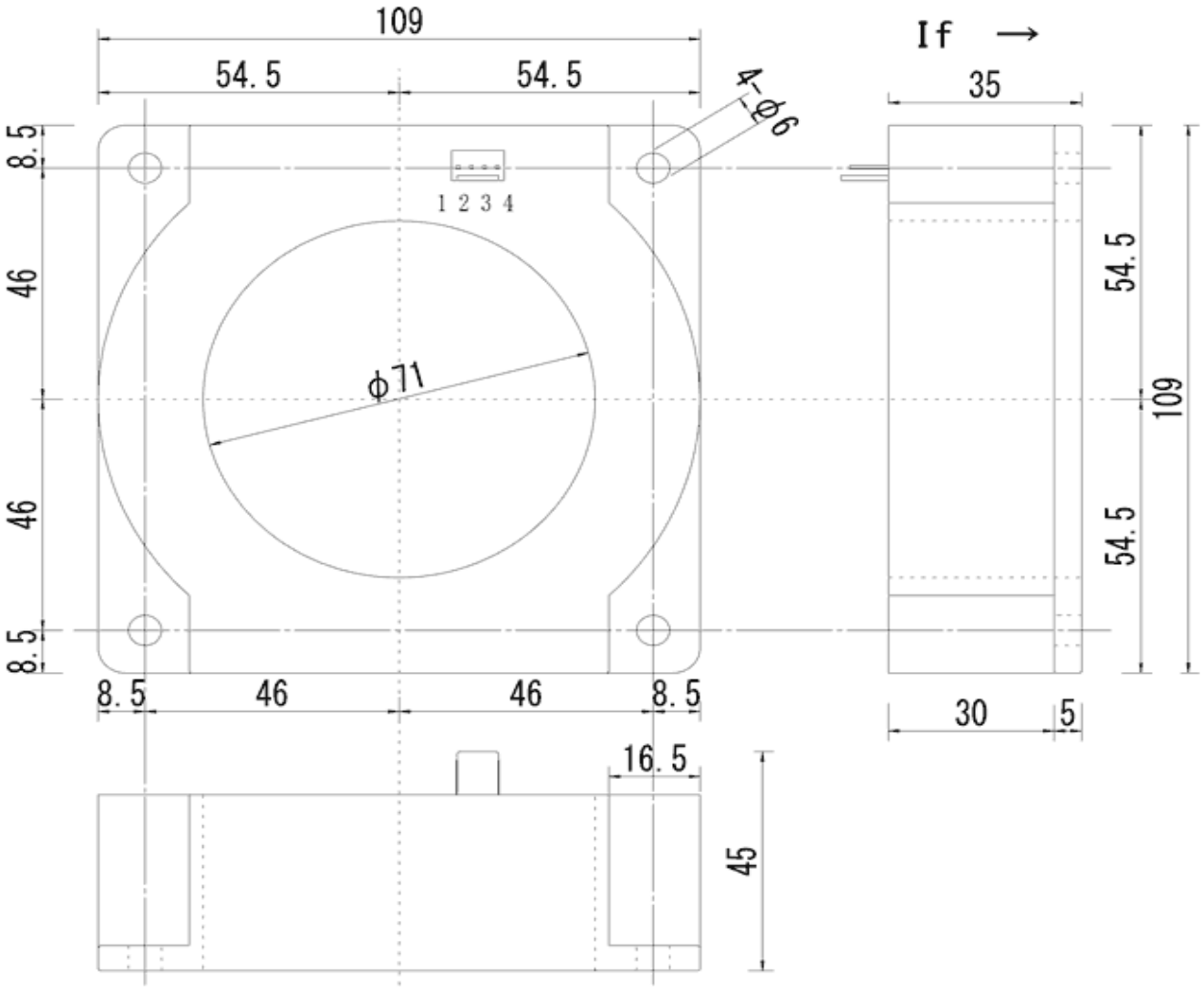
Specifications

Ta=25℃

Product name	Code:2501		CDA-1000
	Symbol	Unit	
Nominal input current	If(n)	AT	±1000
Saturation current	If(s)	AT	±1100
Nominal Output Voltage	Vh	V	±10±1% [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		%/℃	±0.08 Max. [at If(n)]
Thermal Drift of Vo		mV/℃	±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	℃	-20 to +80
Storage Temperature	Ts	℃	-25 to +85
Hysteresis Error		mV	50 Max. [at If --> 0]

Dimensions

Unit : mm

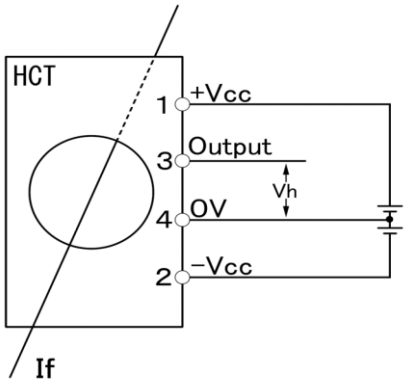


Connector Type[22-11-1041] Maker[Molex]

CDA-21029

Product Name	Mass
CDA-1000	830g

Connection



NANA ENGINEERING CO.,LTD.
Machida 310 Irago building 4F
1-22-5 Morino, Machida-shi, Tokyo 194-0022
E-Mail : nanaeng_sales@nana-e.com
URL : http://www.nana-e.com

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

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