NANA ENGINEERING

High Quality **CA Type Current Sensor**

Bipolar power supply Chassis mounting

Features

High reliability

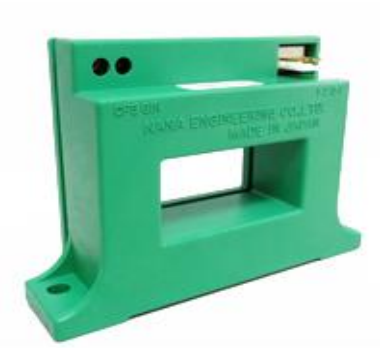
For large current

Low power consumption

Extended measuring range

Open Loop Type

RoHS Compliant



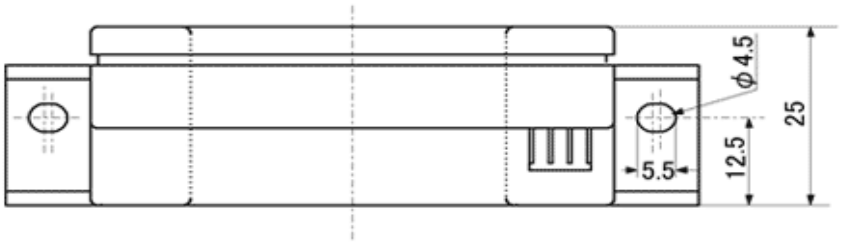
Specifications

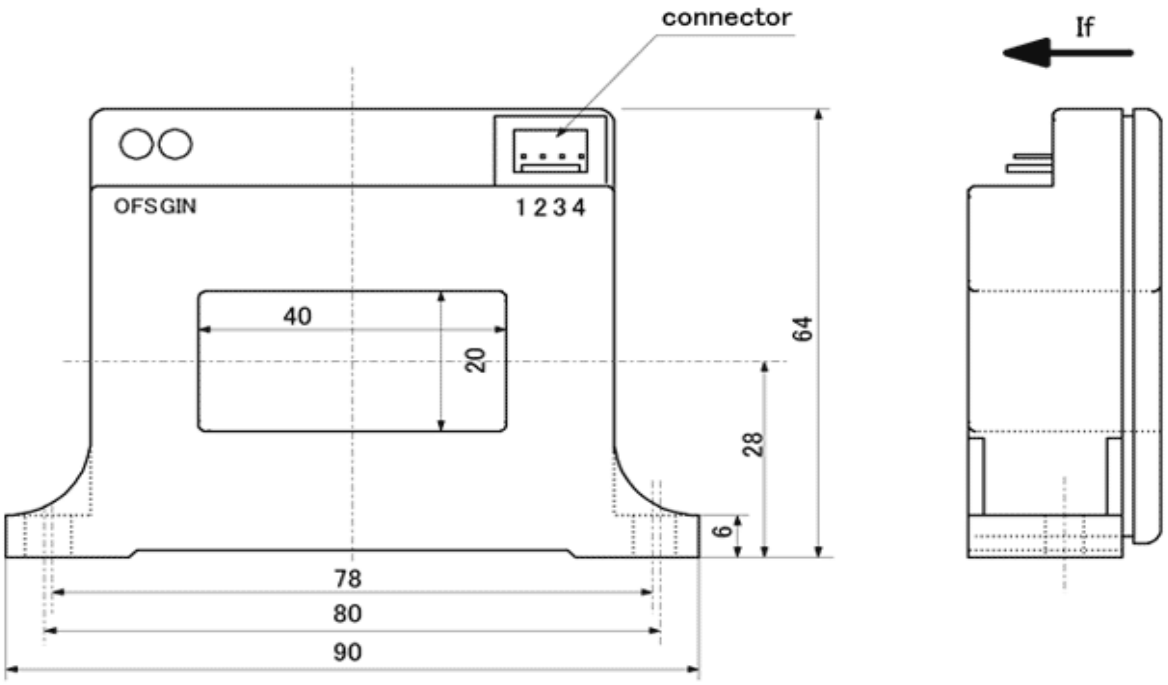
Ta=25℃

Product name	Code:1507		CA-080
	Symbol	Unit	
Nominal input current	If(n)	AT	±800
Saturation current	If(s)	AT	±2400
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	±20 Max.
Response Speed	Trr	μsec	5 Max. [at di/dt=100A/μsec]
Thermal Drift of Vh		%/℃	±0.07 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	±30 Max. [at If --> 0]

Dimensions

Unit : mm



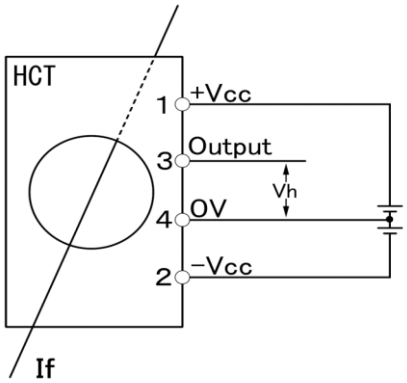


Connector Type[22-11-1041] Maker[Molex]

CA-21008

Product Name	Mass
CA-080	214g

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.

The edition of March 2023