NANA ENGINEERING

High Quality CR Type Current Sensor

Bipolar power supply Chassis mounting

Features

High reliability

Compact and lightweight

Low power consumption

Extended measuring range

Low cost

Open Loop Type

RoHS Compliant

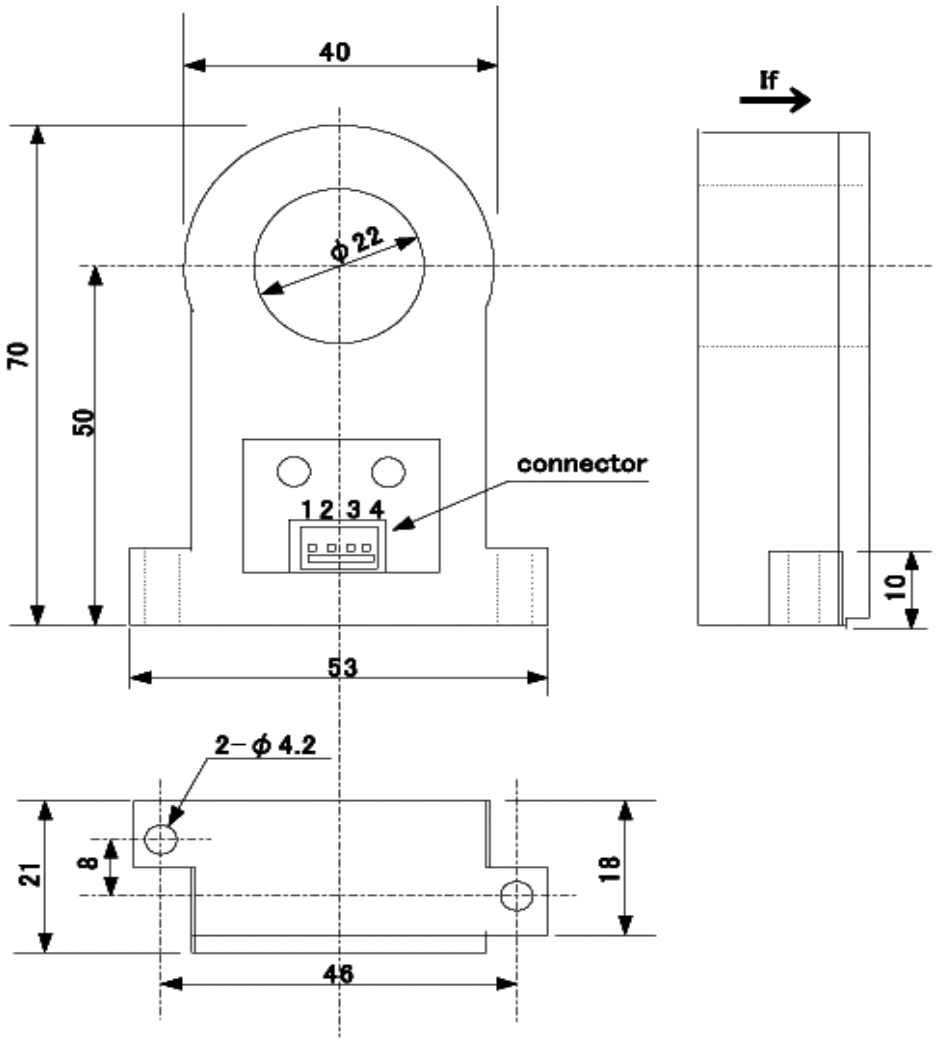
Specifications

Ta=25℃

Product name	Code:1814		CR-40
	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	±20 Max.
Response Speed	Trr	μsec	2 Max. [at di/dt=100A/μsec]
Thermal Drift of Vh		%/℃	±0.08 Max. [at If(n)]
Thermal Drift of Vo		mV/℃	Within ±1
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	±10 Max

Dimensions

Unit : mm

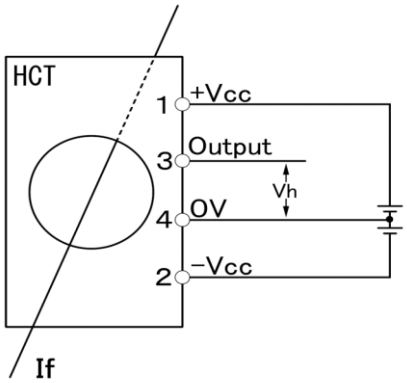


Connector Type[22-11-1041] Maker[Molex]

CR-21016

Product Name	Mass
CR-40	69g

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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