NANA ENGINEERING

High Quality **CRC-V Type Current Sensor**

Bipolar power supply Chassis mounting

Features

Closed Loop Type

RoHS Compliant

High reliability

Excellent accuracy

Low thermal drift

Fast response time

Excellent linearity

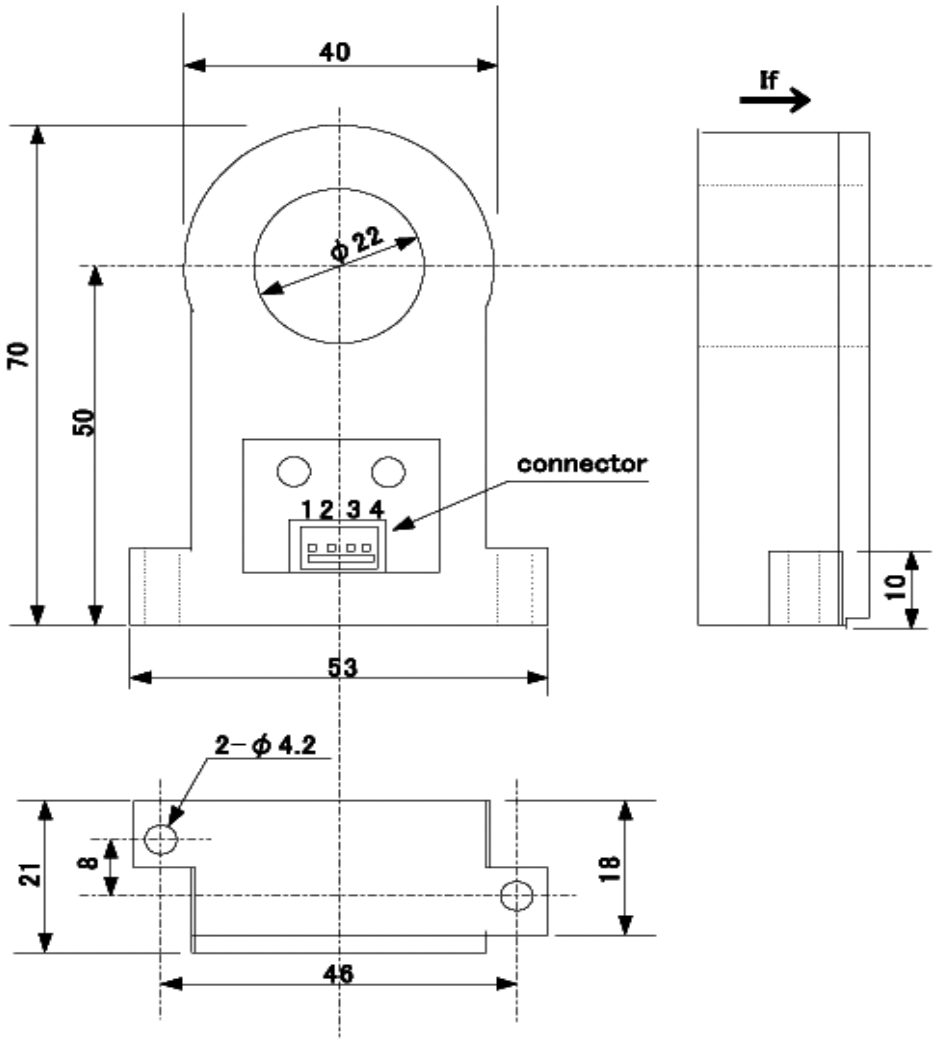
Specifications

Ta=25℃

Product name	Code:1833		CRC-100V
	Symbol	Unit	
Nominal input current	If(n)	AT	±100
Saturation current	If(s)	AT	±150
Nominal Output Voltage	Vh	V	±4±0.040 [at If(n)]
Load resistance	RL	Ω	50k
Offset Voltage	Vo	V	0±0.016 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	±200 Max.
Response Speed	Trr	μsec	1 Max. [at di/dt=If(n)/μsec]
Thermal Drift of Vh		%/℃	±0.04 Max. [at If(n)]
Thermal Drift of Vo		mV/℃	±0.4 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 +70
Storage Temperature	Ts	℃	-25 to +85
Hysteresis Error		mV	±12 Max. [at If --> 0]

Dimensions

Unit : mm

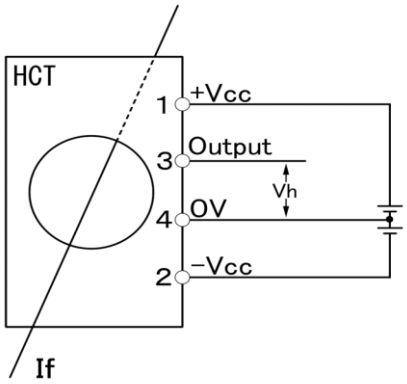


Connector Type[22-11-1041] Maker[Molex]

CR-21016

Product Name	Mass
CRC-100V	55g

Connection



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

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