NANA ENGINEERING

High Quality

CSC-G Type Current Sensor

Bipolar power supply Busbar/Chassis mounting

Features

High reliability

Excellent accuracy

Low thermal drift

Fast response time

Excellent linearity

Closed Loop Type

RoHS Compliant

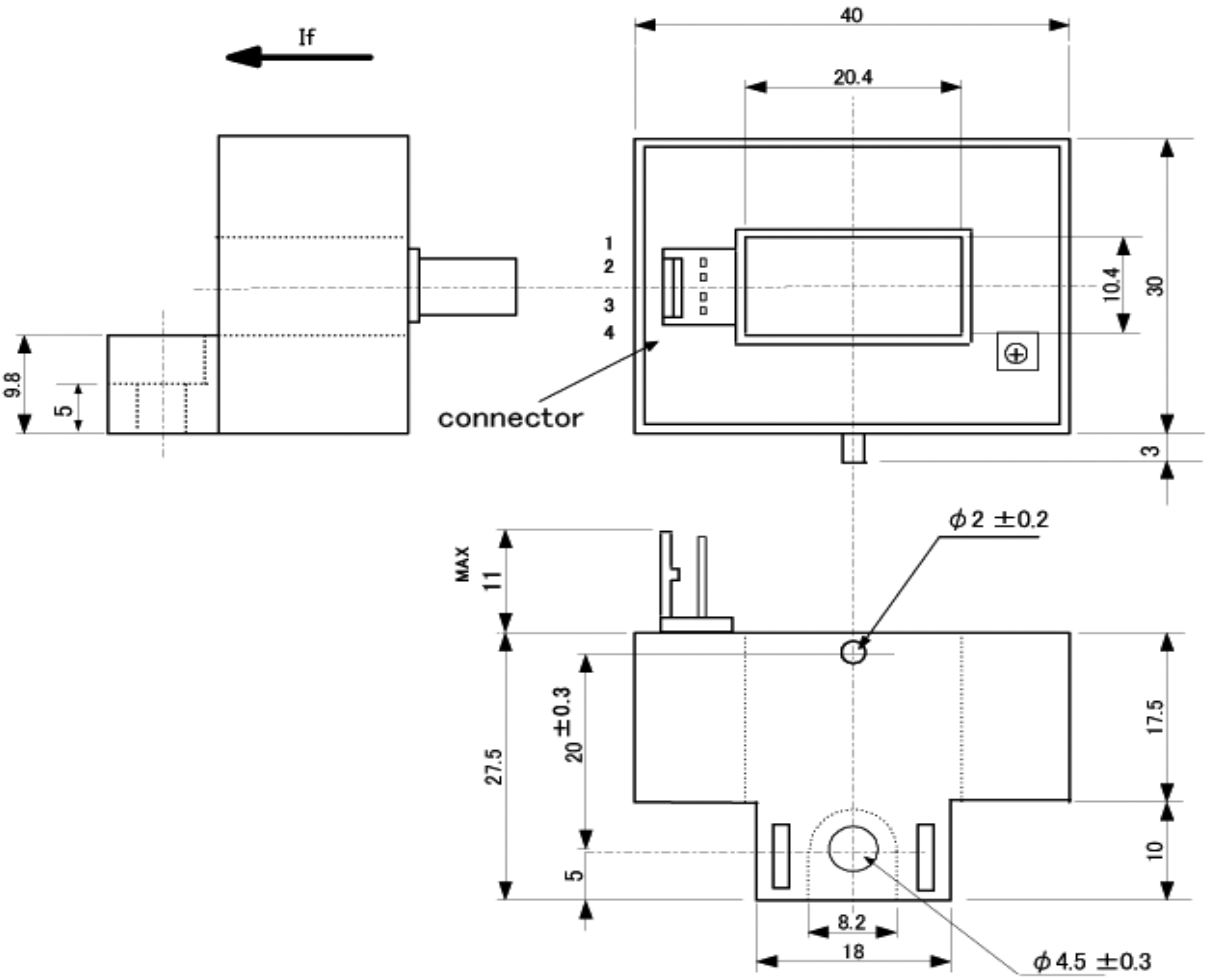
Specifications

Ta=25℃

Product name	Code:1704		CSC-10G
	Symbol	Unit	
Nominal input current	If(n)	A	±100
Saturation current	If(s)	A	±200
Nominal Output current	Iout	mA	If/2000
conversion ratio			1 : 2000
Offset current	Io	mA	0±0.20 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	30 + Iout
Response Speed	Trr	μsec	1 Max. [at di/dt=100A/μsec]
Thermal Drift of Vh		%/℃	±0.04 Max. [at If(n)]
Thermal Drift of Io		mA/℃	±0.03 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	℃	-10 to +75
Storage Temperature	Ts	℃	-25 to +85
Hysteresis Error		mA	±0.5 Max. [at If --> 0]
Secondary coil resistance		Ω	40 [at 80℃]

Dimensions

Unit : mm

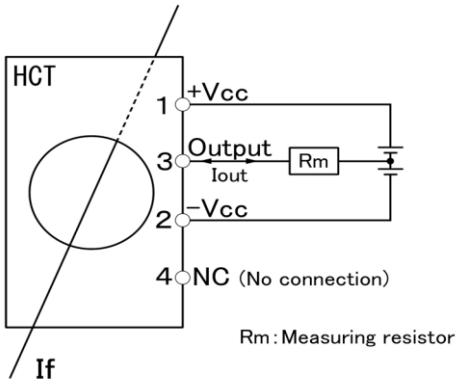


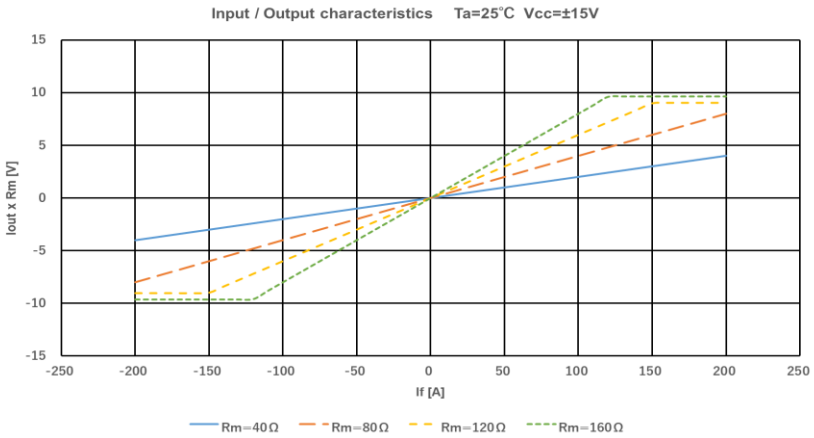
Connector Type[22-11-1041] Maker[Molex]

CSC-21007

Product Name	Mass
CSC-10G	41g

Connection





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*Please read the caution of Closed Loop Type
before using this product.
http://www.nana-e.com/Precautions_for_use_eng.pdf

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

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