NANA ENGINEERING

High Quality **CAC25 Type Current Sensor**

Bipolar power supply PCB mounting

Features

Excellent accuracy

Low thermal drift

Excellent linearity

Wide frequency bandwidth

Closed Loop Type

RoHS Compliant

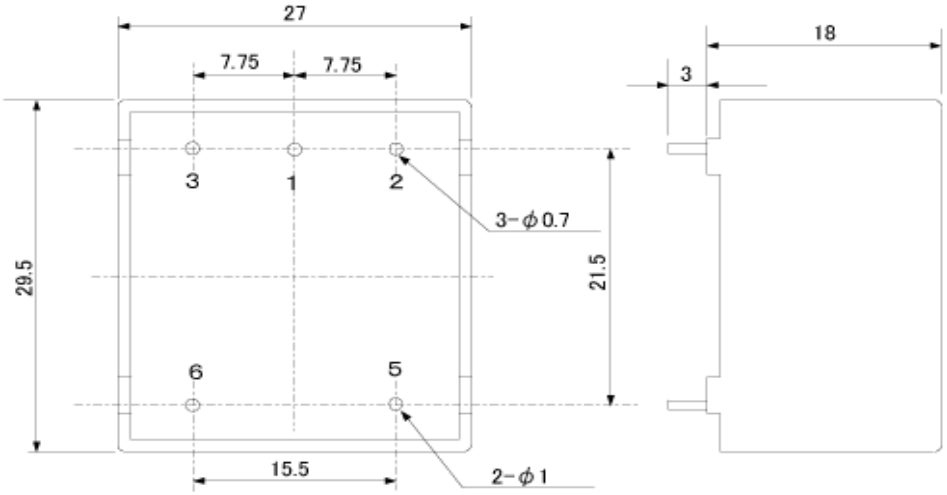
Specifications

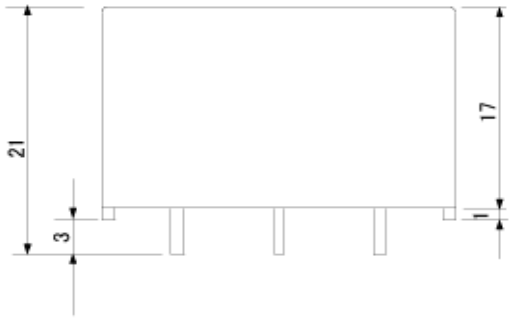
Ta=25℃

Product name	Code:1955		CAC25-0.1
	Symbol	Unit	
Nominal input current	If(n)	A	±0.1
Saturation current	If(s)	A	±0.15
Nominal Output current	Iout	mA	±25 [at If = If(n)]
conversion ratio			250 : 1000
Offset current	Io	mA	0±0.05 Max. [at If(n)=0]
Supply Voltage	Vcc	V DC	±12±5%～±15±5%
Load resistance	Rm	Ω	100 ～ 190
Accuracy		%	±0.6 Max. [at If(n)]
Response Speed	Trr	μsec	40 Max. [at di/dt=If(n)/μsec]
Thermal Drift of Io		mA	±0.35 Max.
Dielectric Strength		kV	AC 2.5 [with 50 or 60 Hz 1min.]
Operating Temperature	Ta	℃	0 to +70
Storage Temperature	Ts	℃	-10 to +80

Dimensions

Unit : mm

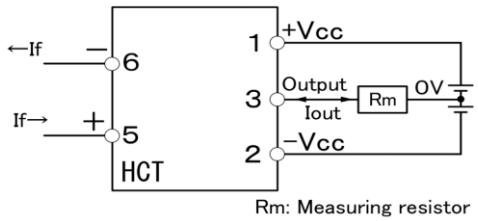




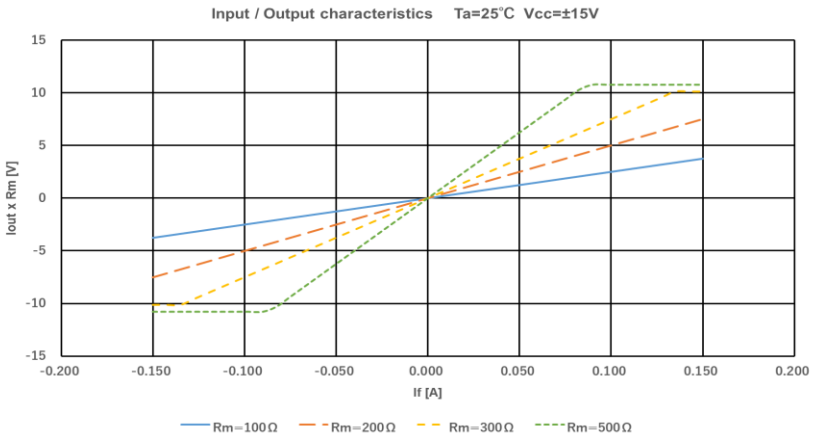
CVC-21018

Product Name	Mass
CAC25-0.1	31g

Connection



Rm: Measuring resistor



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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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