NANA ENGINEERING

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

Bipolar power supply PCB mounting

Features

Excellent accuracy

Low thermal drift

Fast response time

Excellent linearity

Closed Loop Type

RoHS Compliant

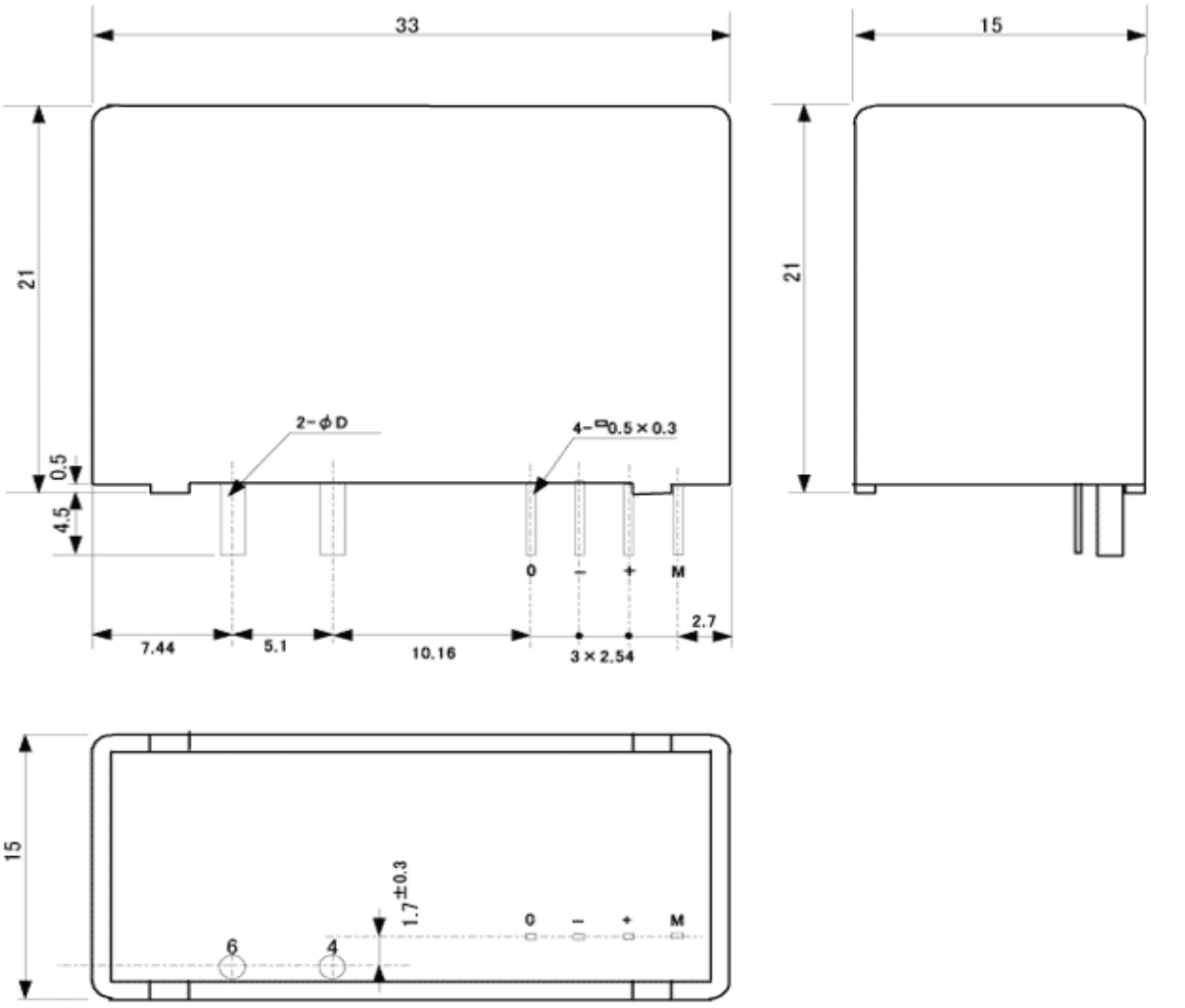
Specifications

Ta=25℃

Product name	Code:1607		CNC-05V
	Symbol	Unit	
Nominal input current	If(n)	A	±5
Saturation current	If(s)	A	±12
Nominal Output Voltage	Vh(n)	V	±2±0.040 [at If(n)]
Load resistance	RL	Ω	50k
Offset Voltage	Vo	V	0±0.015 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	100
Response Speed	Trr	μsec	1 Max. [at di/dt=If(n)/μsec]
Thermal Drift of Vh		%/℃	±0.05 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 +75
Storage Temperature	Ts	℃	-25 to +85
Hysteresis Error		mV	±20 Max. [at If (n) --> 0]

Dimensions

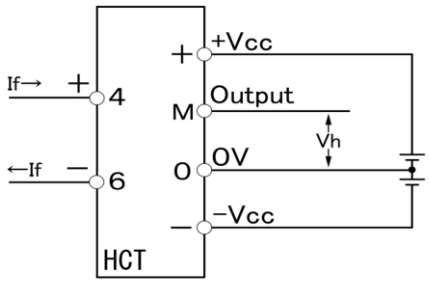
Unit : mm



CNC-21011

Product Name	Mass	Dφ
CNC-05V	23g	0.6

Connection



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

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