NANA ENGINEERING

High Quality **CK2 Type Current Sensor**

Bipolar power supply PCB mounting

Features

Compact and lightweight

Low power consumption

Extended measuring range

Excellent noise resistance

Open Loop Type

RoHS Compliant

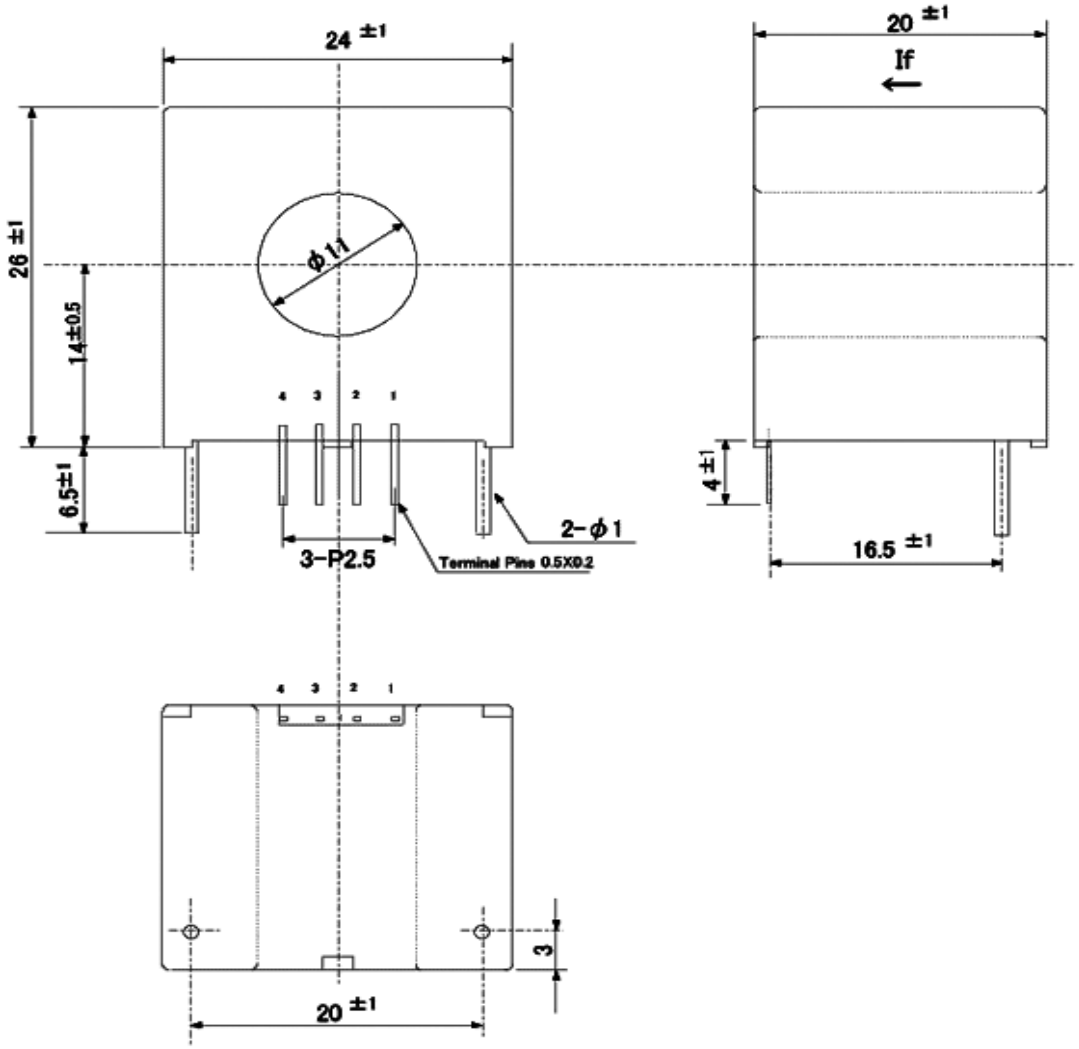
Specifications

Ta=25℃

Product name	Code:2071		CK2-150
	Symbol	Unit	
Nominal input current	If(n)	A	±150
Saturation current	If(s)	A	±450
Nominal Output Voltage	Vh	V	±4±0.060 [at If(n)]
Load resistance	RL	Ω	10k
Offset Voltage	Vo	V	0±0.060 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	±25 Max.
Response Speed	Trr	μsec	3 Max. [at di/dt=100A/μsec]
Thermal Drift of Vh		%/℃	±0.1 Max. [at If(n)]
Thermal Drift of Vo		mV/℃	±2 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 +80
Storage Temperature	Ts	℃	-25 to +85
Hysteresis Error		mV	30 Max. [at If --> 0]

Dimensions

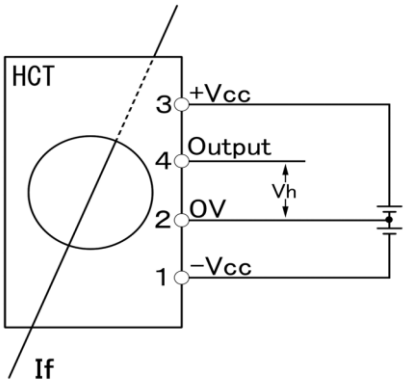
Unit : mm



CK2-21020

Product Name	Mass
CK2-150	19g

Connection



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*The specification (in this catalogue) are subject to minor changes without prior notice. The edition of March 2023