

Advantages

- Compact and lightweight
- Low power consumption
- Extended measuring range
- Low cost
- Measurable with DC and AC

Open Loop Type



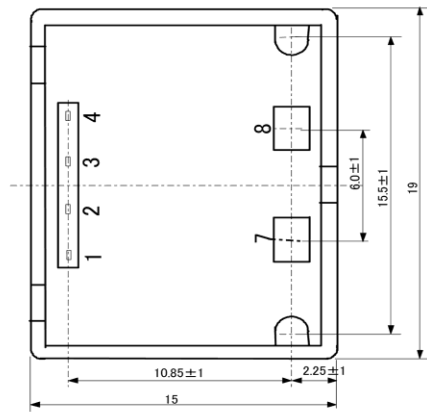
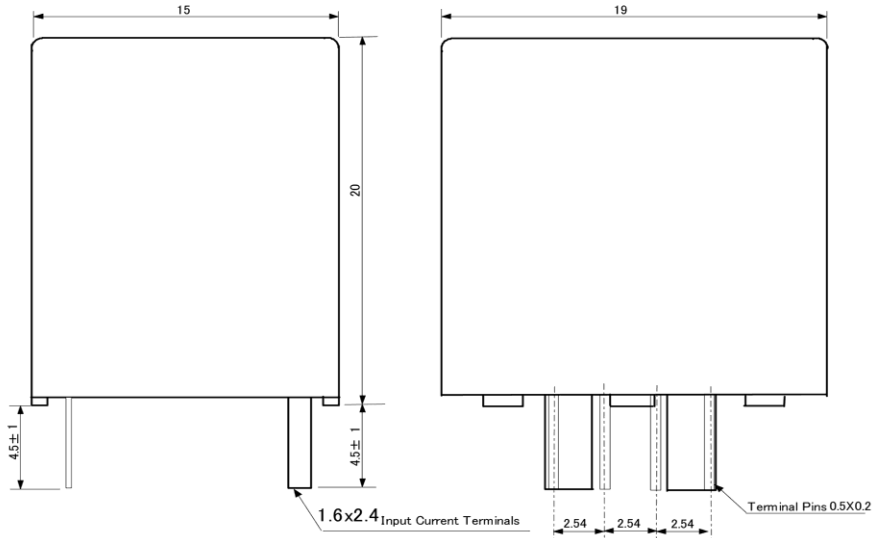
Specifications

Ta=25°C

Product name	Code:1170		CY2-50
	Symbol	Unit	
Nominal input current	If(n)	A	±50
Saturation current	If(s)	A	±150
Nominal Output Voltage	Vh	V	±4±0.040 [at If(n)]
Load resistance	RL	Ω	10k
Offset Voltage	Vo	V	0±0.040 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	±20 Max.
Response Speed	Trr	μ sec	2 Max. [at di/dt=100A/μ sec]
Thermal Drift of Vh		%/°C	±0.08 Max. [at If(n)]
Thermal Drift of Vo		mV/°C	±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	°C	-20 to +80
Storage Temperature	Ts	°C	-25 to +85
Hysteresis Error		mV	±30 Max. [at If --> 0]

Dimensions

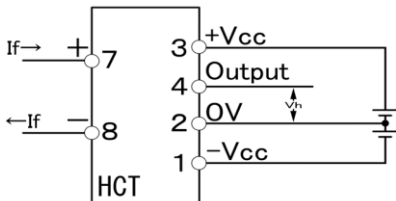
Unit : mm



CY-21014

Product Name	Mass
CY2-50	11g

Connection



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ENGINEERING

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