

Advantages

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

Open Loop Type



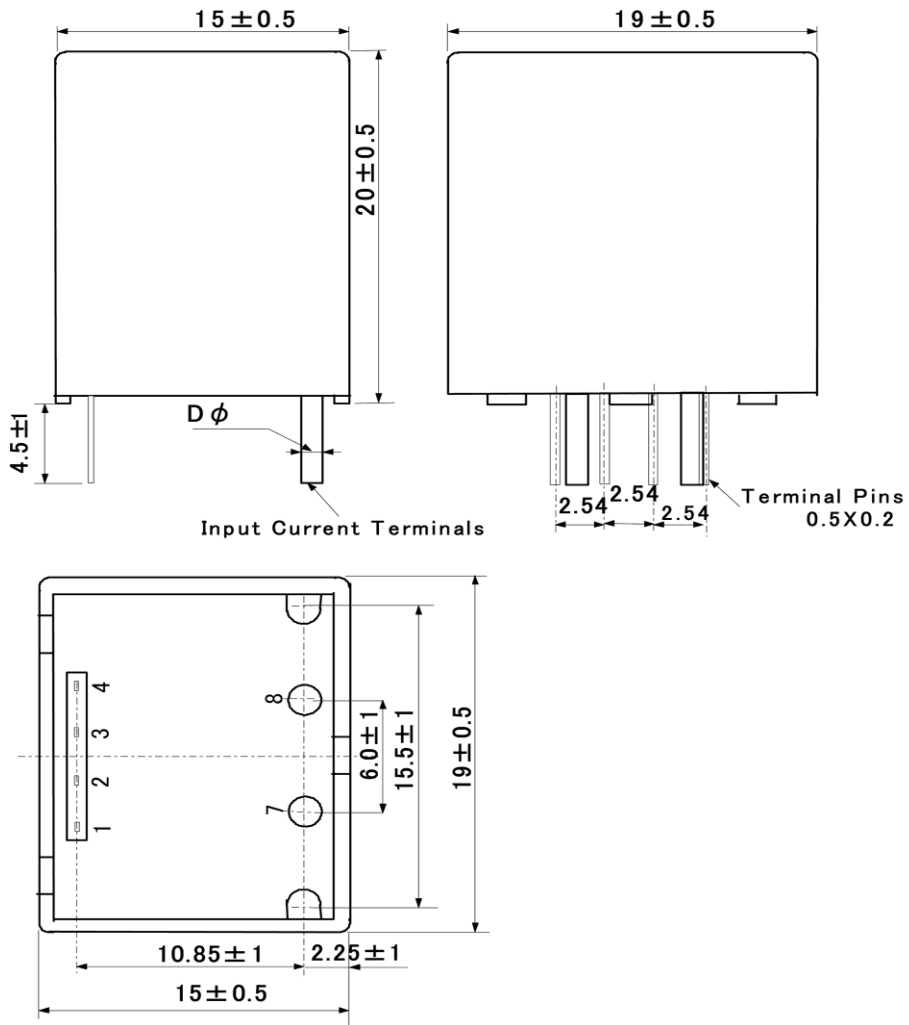
Specifications

Ta=25°C

Product name	Code:1176		CY3-30
	Symbol	Unit	
Nominal input current	If(n)	A	±30
Saturation current	If(s)	A	±45
Nominal Output Voltage	Vh	V	±2±0.020 [at If(n)]
Load resistance	RL	Ω	10k
Offset Voltage	Vo	V	0±0.040 [at 0A]
Supply Voltage	Vcc	V DC	±5±5%
Consumption Current	Icc	mA	±25 Max.
Response Speed	Trr	μ sec	5 Max. [at di/dt=If(n)/μ sec]
Thermal Drift of Vh		%/°C	±0.08 Max. [at If(n)]
Thermal Drift of Vo		mV/°C	±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	°C	-20 to +80
Storage Temperature	Ts	°C	-25 to +85
Hysteresis Error		mV	±20 Max. [at If --> 0]

Dimensions

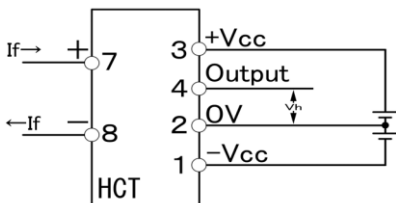
Unit : mm



CY-21013

Product Name	Mass	D ϕ
CY3-30	11g	1.6

Connection



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