

Advantages

- High reliability
- Excellent accuracy
- Low thermal drift
- Fast response time
- Excellent linearity

Closed Loop Type



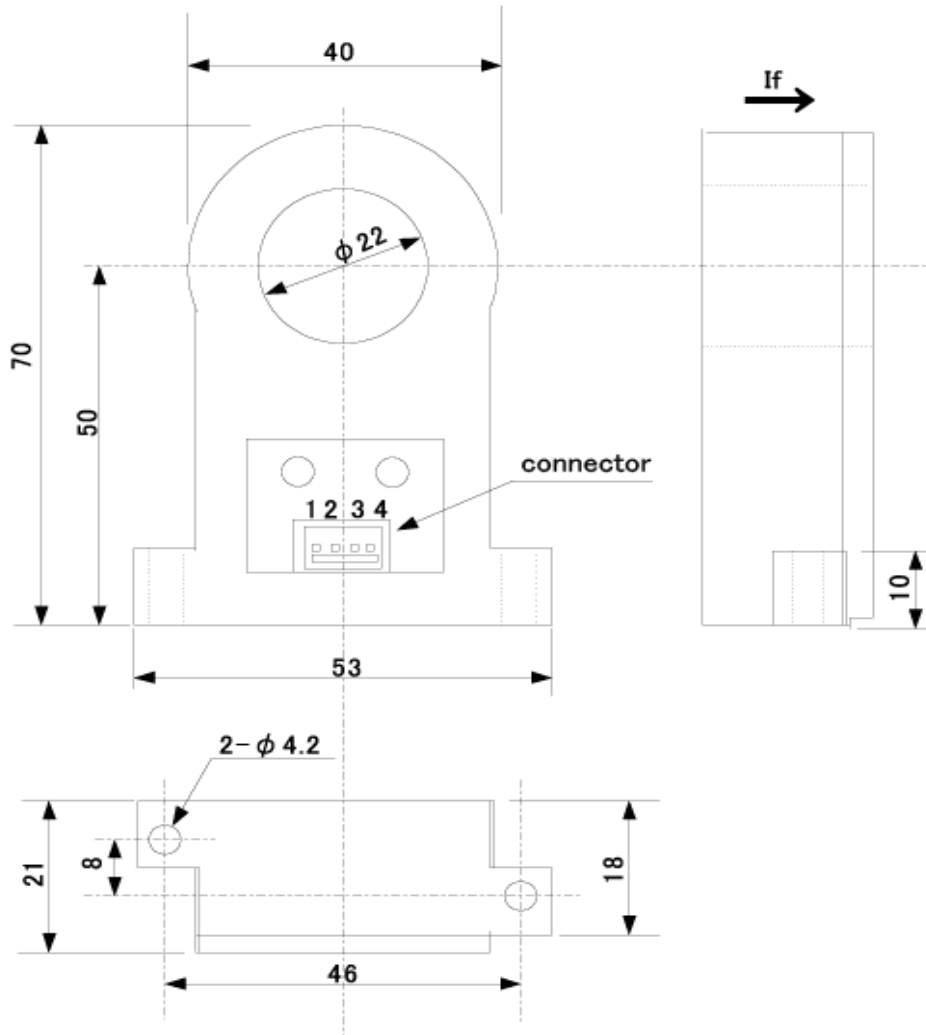
Specifications

Ta=25°C

Product name	Code:1831		CRC-50V
	Symbol	Unit	
Nominal input current	If(n)	AT	±50
Saturation current	If(s)	AT	±75
Nominal Output Voltage	Vh	V	±4±0.040 [at If(n)]
Load resistance	RL	Ω	50k
Offset Voltage	Vo	V	0±0.016 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	±200 Max.
Response Speed	Trr	μ sec	1 Max. [at di/dt=If(n)/μ sec]
Thermal Drift of Vh		%/°C	±0.04 Max. [at If(n)]
Thermal Drift of Vo		mV/°C	±0.4 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 +70
Storage Temperature	Ts	°C	-25 to +85
Hysteresis Error		mV	±12 Max. [at If --> 0]

Dimensions

Unit : mm



Connector Type[22-11-1041] Maker[Molex]

CR-21016

Product Name	Mass
CRC-50V	55g

Connection



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