

Advantages

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

The successor product will be the CSC-J series.



Closed Loop Type

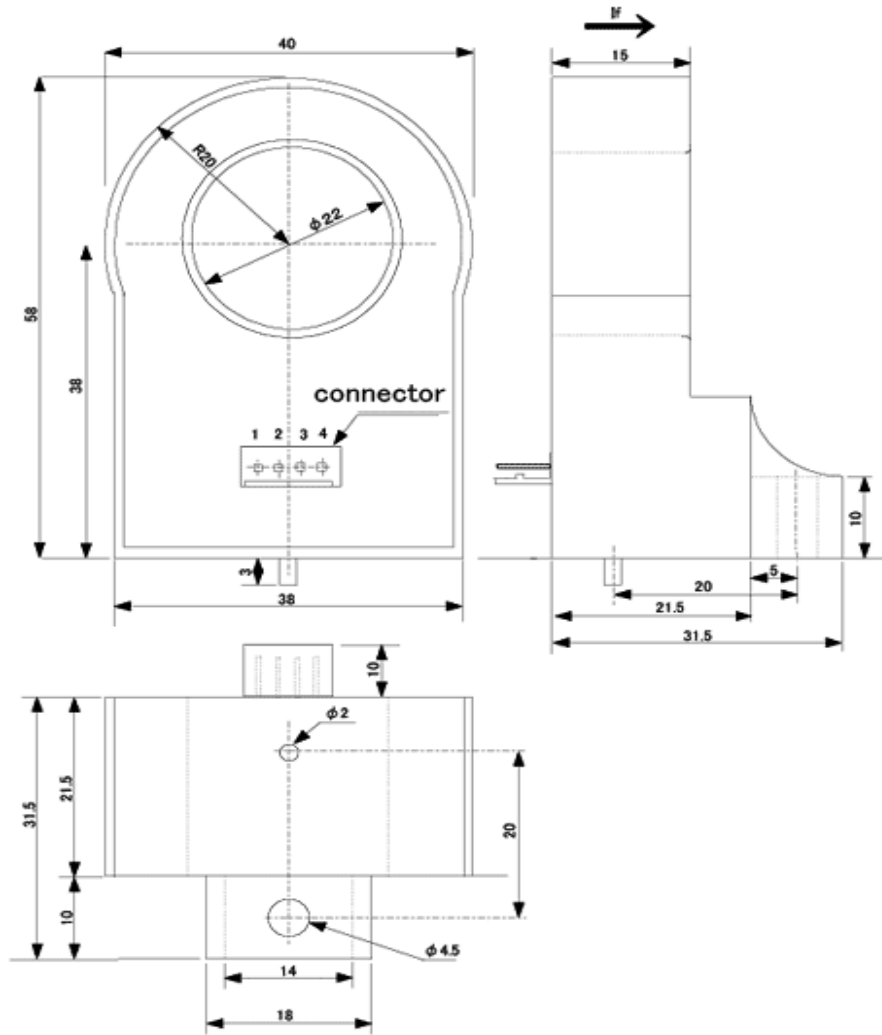
Specifications

T_a=25°C

Product name	Code:1706		CSC-10
	Symbol	Unit	
Nominal input current	I _{f(n)}	A	±100
Saturation current	I _{f(s)}	A	±200
Nominal Output current	I _{out}	mA	I _o ±100 [at I _{f(n)}]
conversion ratio			1 : 1000
Offset current	I _o	mA	0±0.15 [at 0A]
Supply Voltage	V _{cc}	V DC	±15±5%
Consumption Current	I _{cc}	mA	20 + I _{out}
Response Speed	T _{rr}	μ sec	1 Max. [at di/dt=I _{f(n)} /μ sec]
Thermal Drift of V _h		%/°C	±0.05 Max. [at I _{f(n)}]
Thermal Drift of I _o		mA/°C	±0.012 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	T _a	°C	-20 to +75
Storage Temperature	T _s	°C	-25 to +85
Hysteresis Error		mA	±0.15 Max. [at I _f --> 0]
Secondary coil resistance		Ω	11 [at 80°C]

Dimensions

Unit : mm

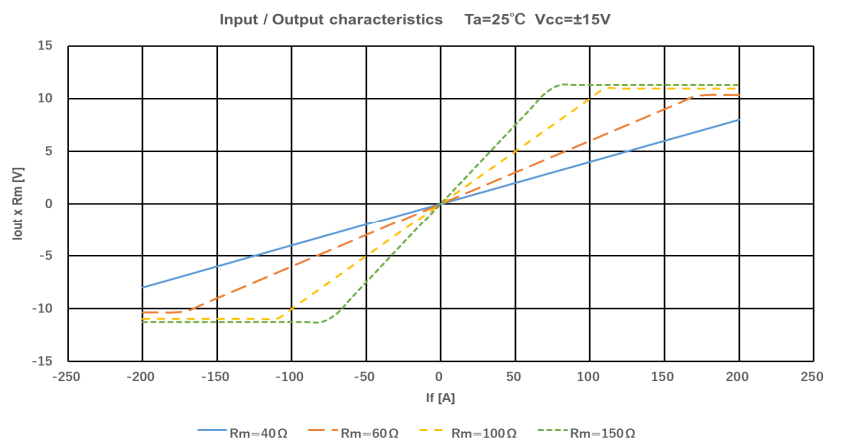
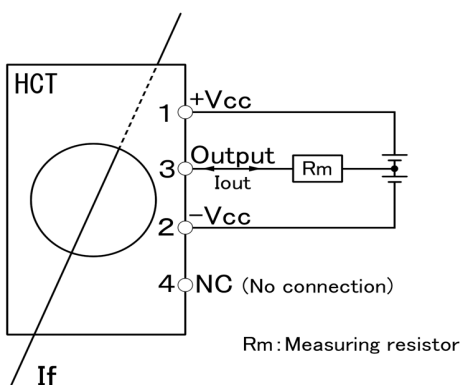


Connector Type[22-11-1041] Maker[Molex]

CSC-21006

Product Name	Mass
CSC-10	52g

Connection



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*Please read the caution of Closed Loop Type before using this product.
http://www.nana-e.com/Precautions_for_use_eng.pdf