

Advantages

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

Closed Loop Type



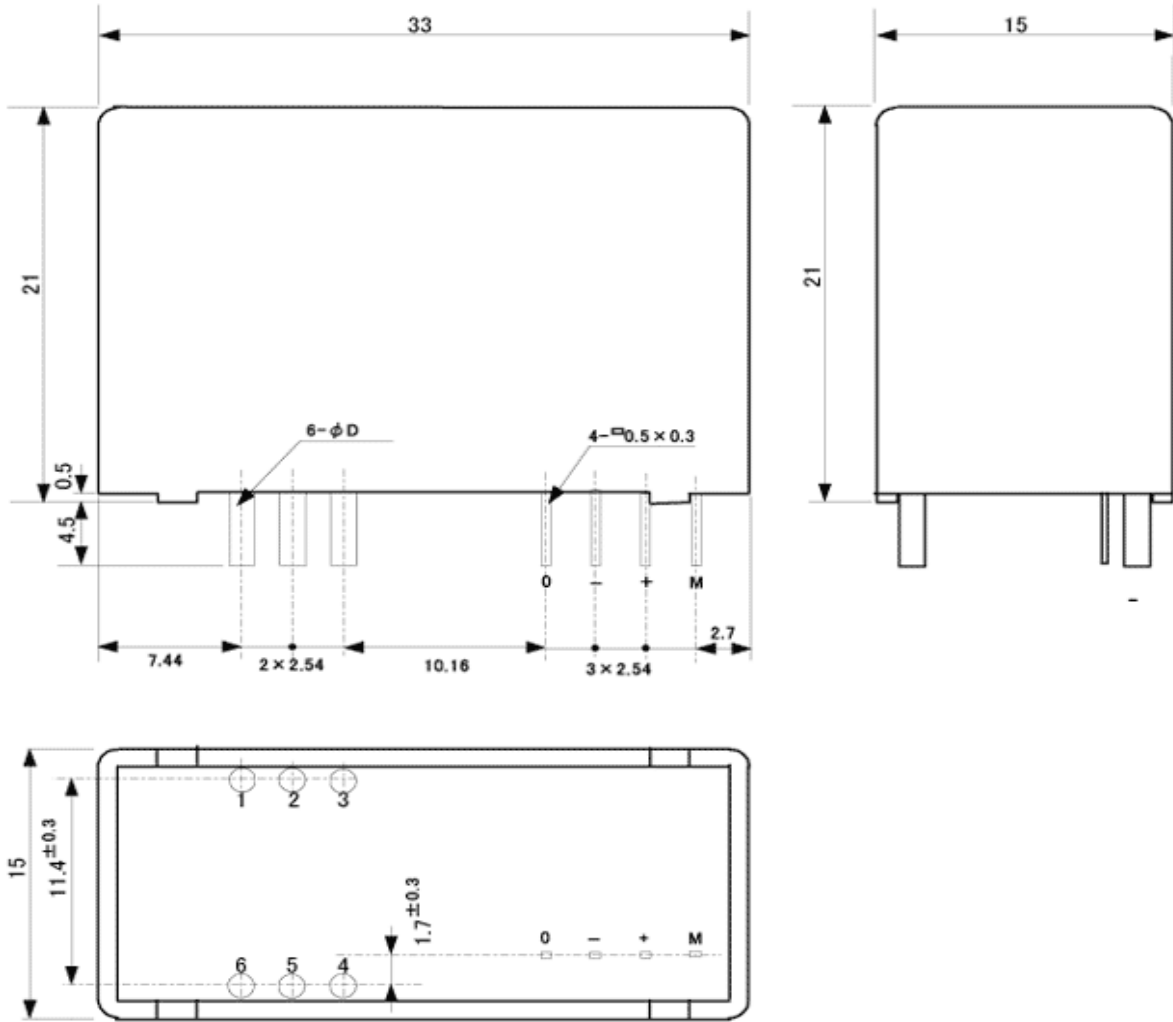
Specifications

Ta=25°C

Product name	Code:1613		CNC-100V
	Symbol	Unit	
Nominal input current	If(n)	A	±100
Saturation current	If(s)	A	±140
Nominal Output Voltage	Vh(n)	V	±4±0.080 [at If(n)]
Load resistance	RL	Ω	50k
Offset Voltage	Vo	V	0±0.015 [at 0A]
Supply Voltage	Vcc	V DC	±15±5%
Consumption Current	Icc	mA	100
Response Speed	Trr	μ sec	1 Max. [at di/dt=If(n)/μ sec]
Thermal Drift of Vh		%/°C	±0.05 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	-15 to +75
Storage Temperature	Ts	°C	-15 to +85
Hysteresis Error		mV	±20 Max. [at If (n) --> 0]

Dimensions

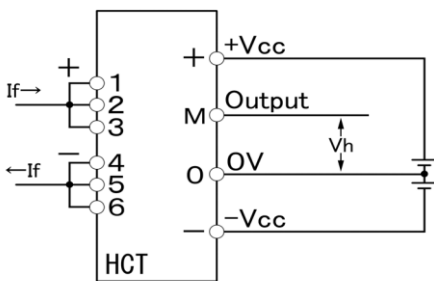
Unit : mm



CNC-21012

Product Name	Mass	D ϕ
CNC-100V	26g	1.4

Connection



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