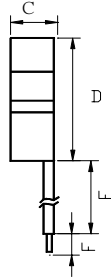
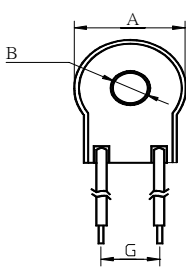
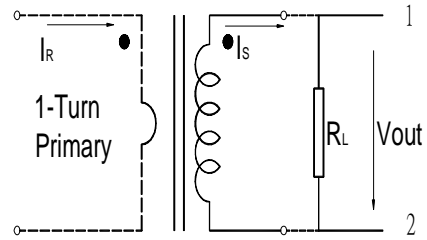


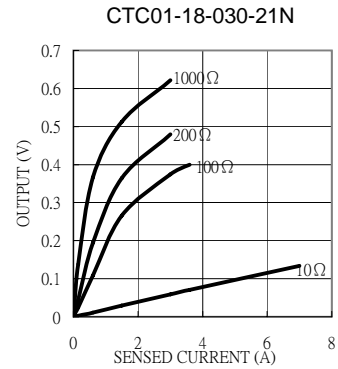
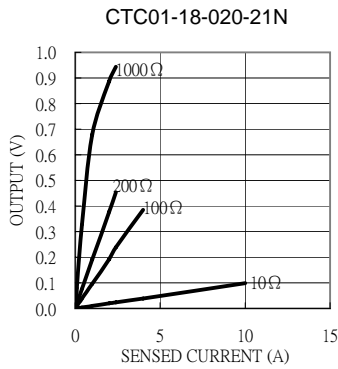
# CTC01-18 Series



**Test Circuit**



Electrical Characteristic										Mechanical Dimension					
Part No.	$I_R$ (A)	$V_{out}$ (V)	Acc.Class (%)	$I_{min}$ (A)	$I_{max}$ (A)	$R_L$ ( $\Omega$ )	$f$ (%)	$\delta$ ( $^{\circ}$ )	DCR ( $\Omega$ )	A(max)	B(max)	C(max)	D(max)	E( $\pm 3$ )	F( $\pm 1$ )
										mm / inch					
CTC01-18-020-21N	0.01~2	0.192	10	0.01	4	100	-2.850	65.0	50	18.10	5.90	7.10	23.20	120	4.50
CTC01-18-030-21N	0.01~3	0.374	10	0.01	5	10	-2.033	63.3	16	0.71	0.23	0.28	0.91	4.72	0.18



**Definition:**

- $I_R$  : Rated Current
- $V_{out}$ : Output voltage.
- Acc.Class: Accuracy class.
- $I_{min}$ : Min. detecting current which remains linearity.
- $I_{max}$ : Max. detecting current which remains linearity.
- $R_L$  : Load resistance.
- $f(\%)$ : Ratio error.
- $\delta( ^{\circ} )$ : Phase shift.
- DCR: Secondary Winding DC Resistance.

**Remark:**

1. Frequency band :50Hz~60Hz.
2. Operating temperature: -25 $^{\circ}$ C~80 $^{\circ}$ C.
3. All current ,voltage refer to rms value.
4. RoHS compliant.
5. Hi-Pot: 2500V<sub>RMS</sub>/1min between windings.
6. Formula of 2nd output : $V_{out}=I_R \cdot R_L / N(\text{Turns})$ .
7. Product parts meet UL requirements.