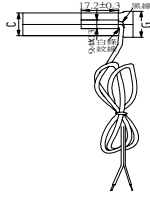
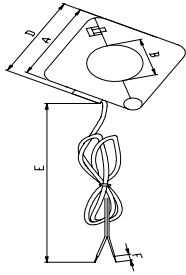
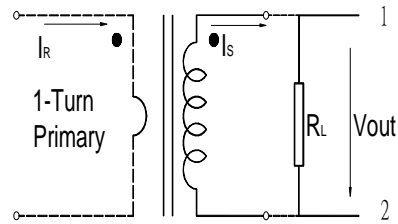


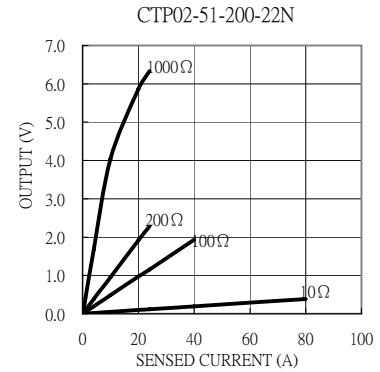
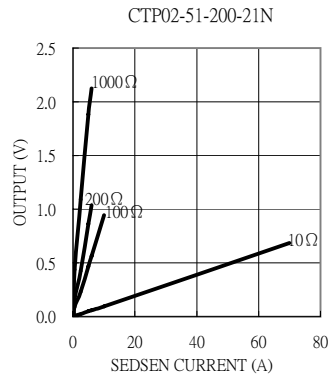
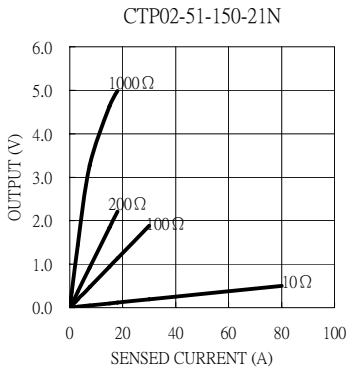
CTP02-51 Series



Test Circuit



Electrical Characteristic										Mechanical Dimension					
Part No.	I_R (A)	V_{out} (V)	Acc.Class (%)	I_{min} (A)	I_{max} (A)	R_L (Ω)	f (%)	δ ($^{\circ}$)	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(± 3)	F(± 1)
										mm / inch					
CTP02-51-150-21N	0.015~15	0.944	10	0.015	35	100	-5.400	290.0	79	$\frac{51.9}{2.04}$	$\frac{23.0}{0.91}$	$\frac{14.55}{0.57}$	$\frac{54.7}{2.15}$	2964 116.69	$\frac{5.5}{0.27}$
CTP02-51-200-21N	0.01~20	0.966	10	0.01	50	100	-8.2	620	31						
CTP02-51-200-22N	0.02~20	0.966	10	0.02	50	100	3.900	250.0	141						



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_{RMS}/1min between windings.
6. Formula of 2nd output : $V_{out}=I_R * R_L / N(\text{Turns})$.
7. Product parts meet UL requirements.