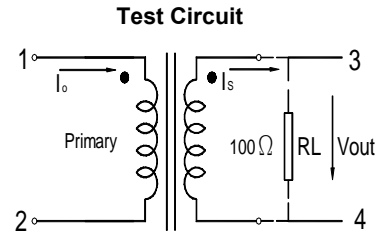
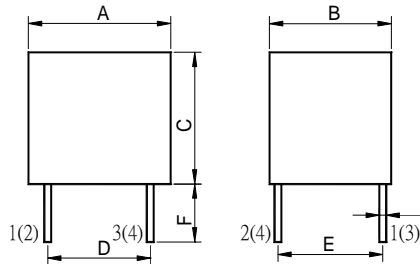
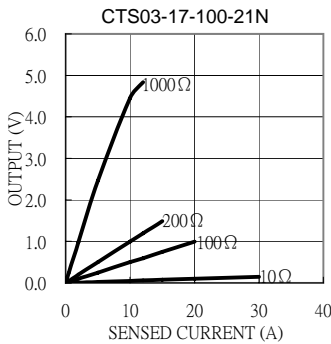
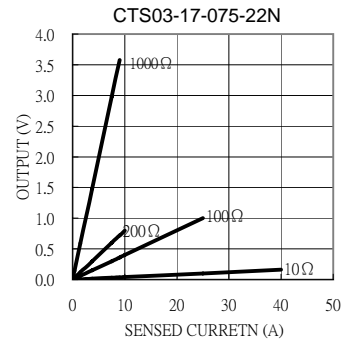
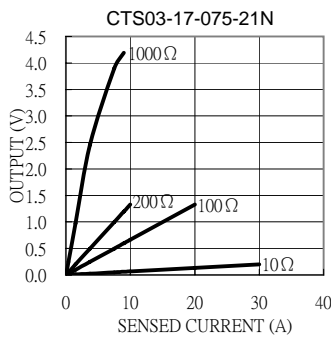
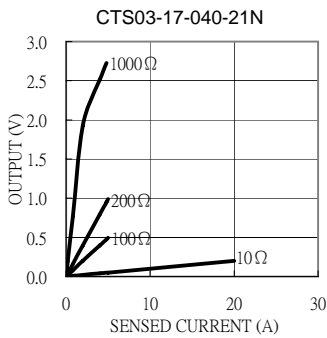


CTS03-18 Series



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 (')	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(± 1)
										mm / inch					
CTS03-18-040-21N	0.01~4	0.397	0.5	0.01	5	100	-0.600	20.0	49	18.81 0.74	20.51 0.81	20.21 0.80	10.7 0.42	13.0 0.51	6.5 0.26
CTS03-18-7R5-21N	0.015~7.5	0.498	0.5	0.015	20	100	-0.240	8.0	100						
CTS03-18-7R5-22N	0.025~7.5	0.299	0.5	0.025	30	100	-0.166	6.7	256						
CTS03-18-100-21N	0.02~10	0.498	0.5	0.02	25	100	-0.240	6.0	198						



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.
- δ ('): Phase shift.
- DCR: Secondary Winding DC Resistance.

Remark:

1. Frequency band :50Hz~60Hz.
2. Operating temperature: -25°C~80°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 : $V_{out}=I_R \cdot R_L / N(\text{Turns})$.
7. Product parts meet UL requirements.