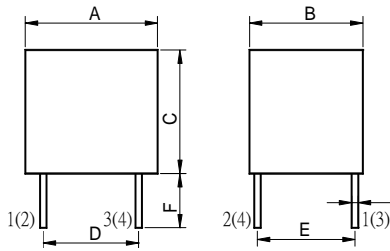
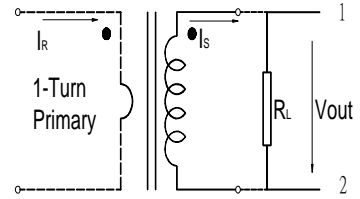


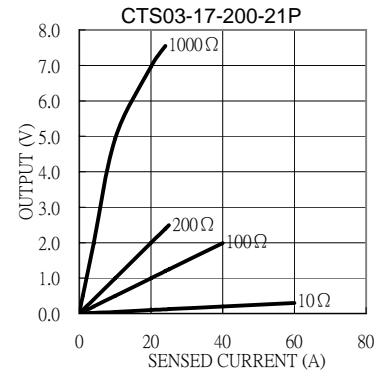
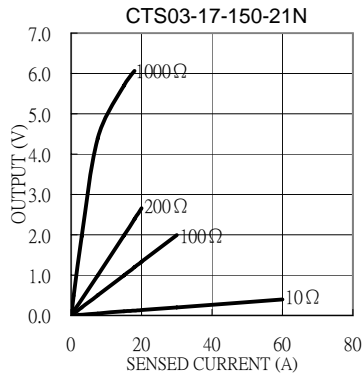
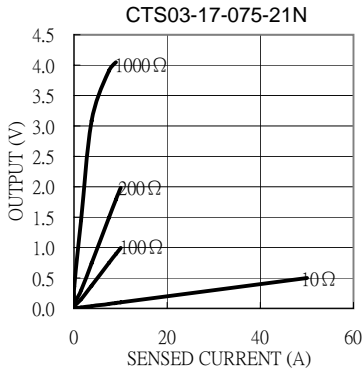
CTS03-17 Series



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(max)	F(± 1)
										mm / inch					
CTS03-17-7R5-21N	0.01~7.5	0.746	0.5	0.01	15	100	-0.253	9.33	26						
CTS03-17-150-21N	0.015~15	0.994	0.5	0.015	30	100	-0.100	4.0	60	17.8 0.70	28.36 1.12	26.91 1.06	20.6 0.81	10.2 0.41	6.5 0.26
CTS03-17-200-21P	0.02~20	0.998	0.2	0.02	50	100	-0.180	3.0	105						



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 : $V_{out}=I_R \cdot R_L / N(\text{Turns})$.
7. Product parts meet UL requirements.