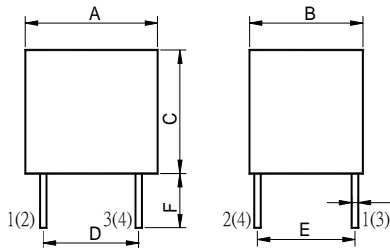
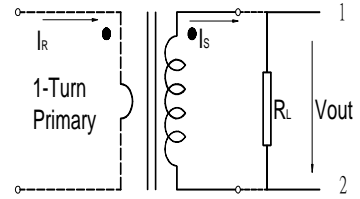


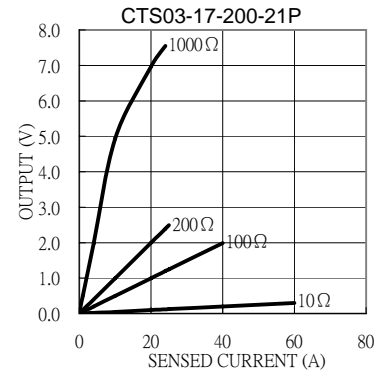
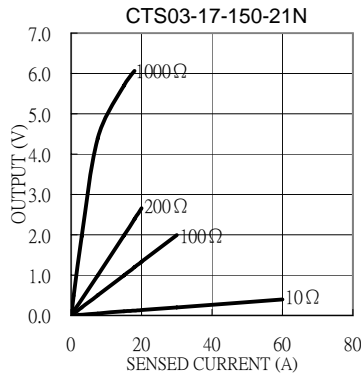
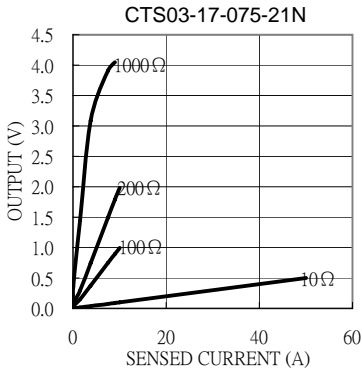
# CTS03-17 Series



## Test Circuit



Electrical Characteristic										Mechanical Dimension					
Part No.	$I_R$ (A)	$V_{out}$ (V)	Acc.Class (%)	$I_{min}$ (A)	$I_{max}$ (A)	$R_L$ ( $\Omega$ )	$f$ (%)	$\delta$ ( $^{\circ}$ )	DCR ( $\Omega$ )	A(max)	B(max)	C(max)	D(max)	E(max)	F( $\pm 1$ )
										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	$\frac{17.8}{0.70}$	$\frac{28.36}{1.12}$	$\frac{26.91}{1.06}$	$\frac{20.6}{0.81}$	$\frac{10.2}{0.41}$	$\frac{6.5}{0.26}$
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<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.