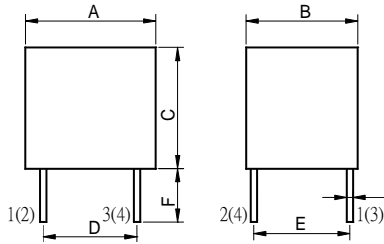
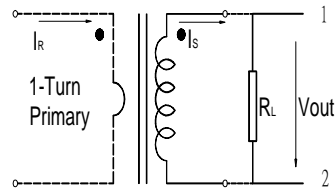


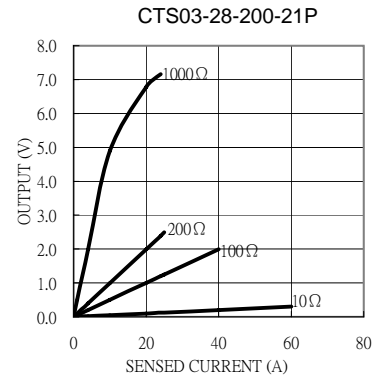
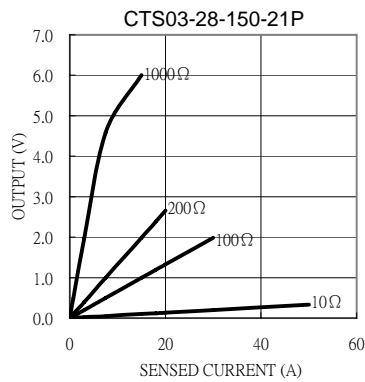
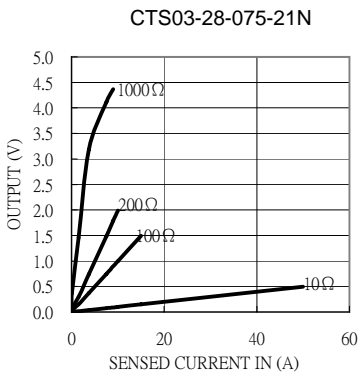
CTS03-28 Series



Test Circuit



Electrical Characteristic										Mechanical Dimension					
Part No.	I_R (A)	Vout (V)	Acc.Class (%)	Imin (A)	Imax (A)	R_L (Ω)	f (%)	δ ($^{\circ}$)	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(± 1)
										mm / inch					
CTS03-28-7R5-21N	0.01~7.5	0.746	0.5	0.01	15	100	-0.333	7.99	33						
CTS03-28-150-21P	0.015~15	0.995	0.2	0.015	30	100	-0.150	7.00	77	$\frac{28.36}{0.12}$	$\frac{24.81}{0.98}$	$\frac{28.51}{1.12}$	$\frac{20.2}{0.80}$	$\frac{20.2}{0.80}$	$\frac{6.5}{0.26}$
CTS03-28-200-21P	0.02~20	0.998	0.2	0.02	40	100	0.120	4.00	144						



Definition:

- I_R :** Rated Current
- Vout:** Output voltage.
- Acc.Class:** Accuracy class.
- Imin:** Min. detecting current which remains linearity.
- Imax:** Max. detecting current which remains linearity.
- R_L :** Load resistance.
- $f(\%)$:** Ratio error.
- $\delta(\text{'})$:** 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 :Vout= I_R * R_L / N(Turns).
7. Product parts meet UL requirements.