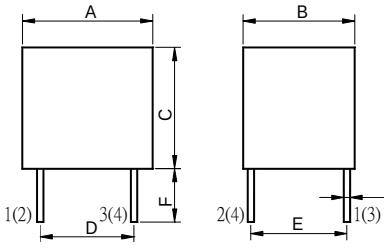
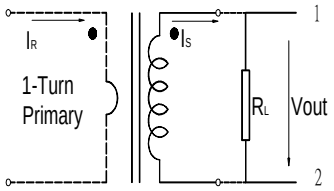
CTS03-28 Series

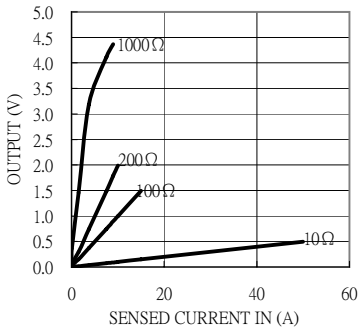


Test Circuit

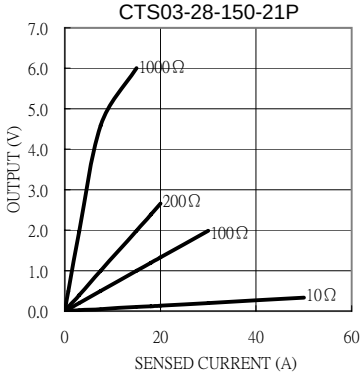


Electrical Characteristic										Mechanical Dimension					
Part No.	I_R (A)	Vout (V)	Acc.Class (%)	Imin (A)	Imax (A)	R_L (Ω)	f (%)	δ (')	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(±1)
										mm / inch					
CTS03-28-7R5-21N	0.01~7.5	0.746	0.5	0.01	15	100	-0.333	7.99	33	28.36 0.12	24.81 0.98	28.51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

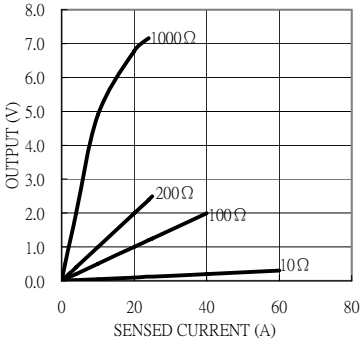
CTS03-28-075-21N



CTS03-28-150-21P



CTS03-28-200-21P



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

Remark:

1. **Frequency band :50Hz~60Hz.**
2. **Operating temperature: -25℃~80℃.**
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.**