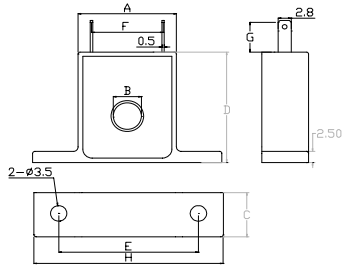
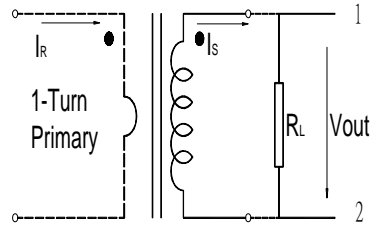


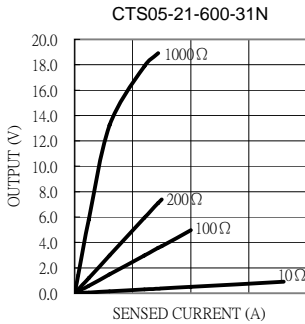
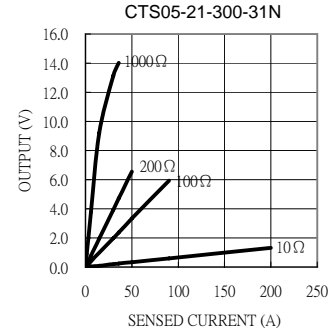
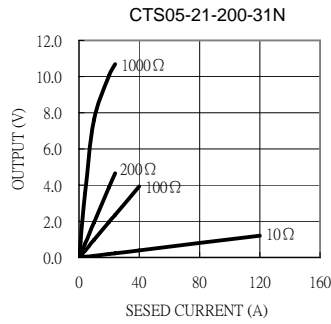
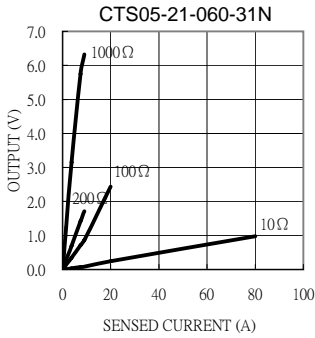
CTS05-21 Series



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 (')	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(max)
										mm / inch					
CTS05-21-060-31N	0.02~6	0.715	3	0.02	30	100	-2.159	126.7	35	21.06 0.83	6.12 0.24	10.2 0.41	25.21 0.99	30.2 1.19	15.36 0.61
CTS05-21-200-31N	0.01~20	1.96	3	0.01	45	100	-0.550	40.0	43						
CTS05-21-300-31N	0.015~30	1.979	1	0.015	95	100	-0.810	38.0	67						
CTS05-21-600-31N	0.02~60	2.983	1	0.02	120	100	-0.626	20.99	142						



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*R_L / N(Turns).
7. Product parts meet UL requirements.