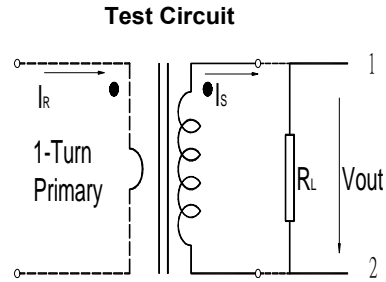
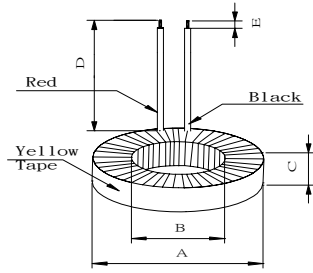
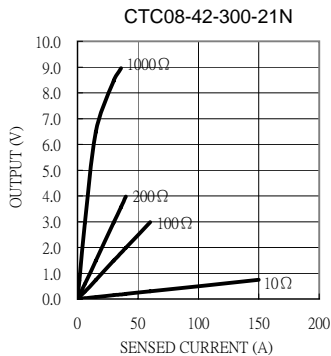
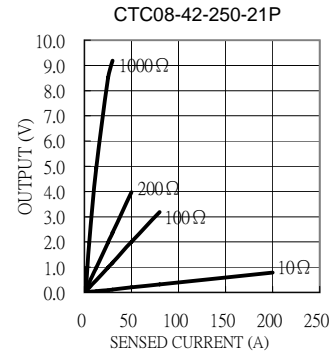
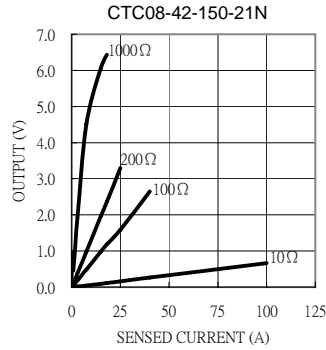
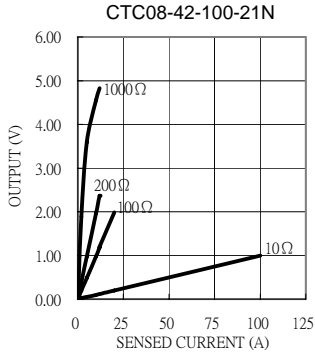


CTC08-42 Series



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 (± 3)	E (± 1)
										mm / inch				
CTC08-42-100-21N	0.01~10	0.985	1	0.01	20	100	-0.390	17.0	12	42.8 1.69	27.2 1.07	10.8 0.43	126 4.96	4.0 0.16
CTC08-42-150-21N	0.03~15	0.983	0.5	0.03	40	100	-0.400	10.0	42					
CTC08-42-250-21P	0.05~25	0.985	0.2	0.05	95	100	-0.160	7.0	72					
CTC08-42-300-21N	0.03~30	1.485	0.5	0.03	70	100	-0.199	5.3	57					



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