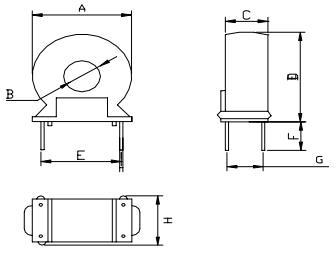
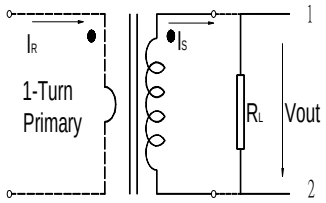
CTC02-21 Series

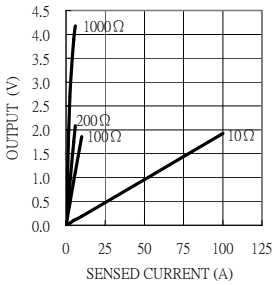


Test Circuit

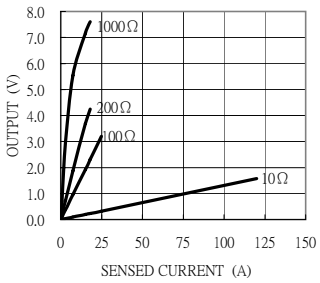


Electrical Characteristic										Mechanical Dimension							
Part No.	I_R (A)	Vout (V)	Acc.Class (%)	Imin (A)	Imax (A)	R_L (Ω)	*f* (%)	δ (')	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(±1)	G(max)	H(max)
										mm / inch							
CTC02-21-050-31N	0.01~5	0.925	10	0.01	10	100	-7.30	260	6	21.80 0.86	11.15 0.439	9.30 0.37	25.80 1.02	15.35 0.60	6.50 0.26	4.70 0.19	16.10 0.63
CTC02-21-150-31N	0.015~15	1.923	10	0.015	30	100	-3.65	105	18								
CTC02-21-250-31N	0.01~25	2.444	10	0.01	55	100	-2.08	64	23								

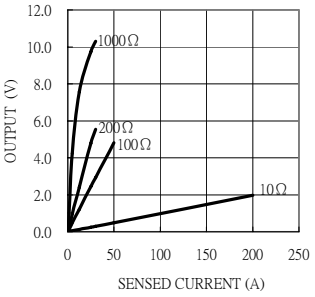
CTC02-21-050-31N



CTC02-21-150-31N



CTC02-21-250-31N



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.