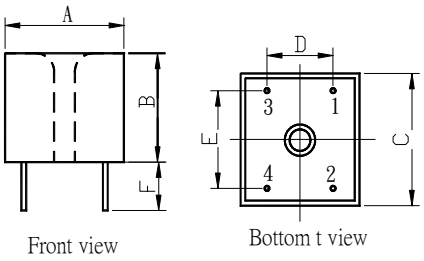
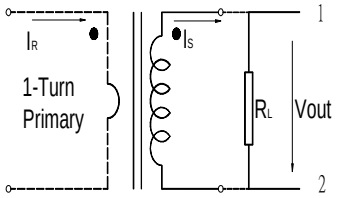
CTS02-18 Series

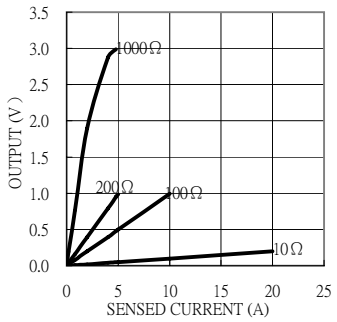


Test Circuit

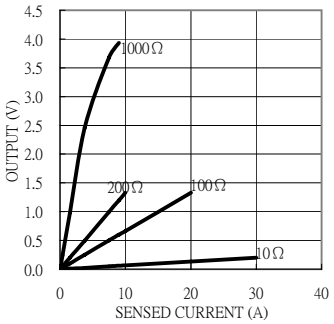


Electrical Characteristic										Mechanical Dimension					
Part No.	I_R (A)	Vout (V)	Acc.Class (%)	Imin (A)	Imax (A)	R_L (Ω)	*f* (%)	δ (')	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(±1)
										mm / inch					
CTS02-18-040-21N	0.01~4	0.395	0.5	0.01	10	100	-0.700	20.0	67	18.81 / 0.74	20.51 / 0.81	20.31 / 0.78	10.7 / 0.42	13.0 / 0.51	6.5 / 0.26
CTS02-18-7R5-21N	0.015~7.5	0.497	0.5	0.015	20	100	-0.200	8.0	100						
CTS02-18-100-21N	0.02~10	0.499	0.5	0.02	20	100	-0.060	10.0	213						
CTS02-18-150-21N	0.025~15	0.598	0.5	0.025	35	100	-0.083	3.0	249						

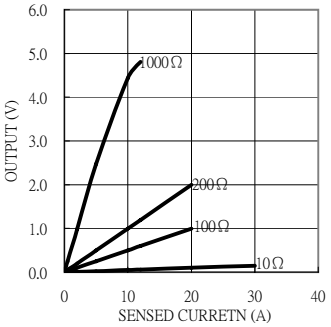
CTS02-18-040-21N



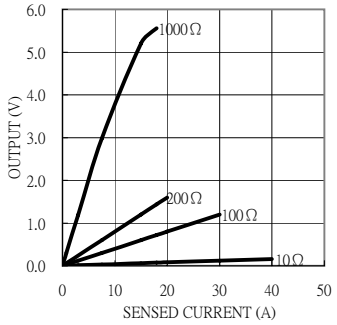
CTS02-18-075-21N



CTS02-18-100-21N



CTS02-18-150-21N



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.**