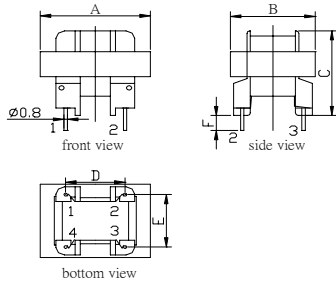
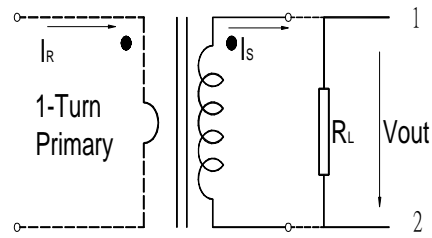


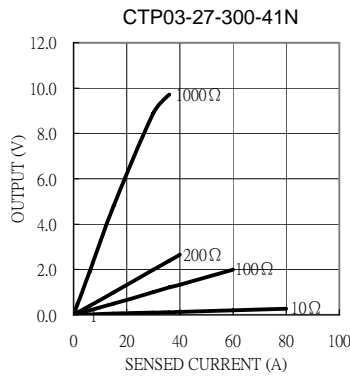
# CTP03-27 Series



## Test Circuit



Electrical Characteristic										Mechanical Dimension					
Part No.	$I_R$ (A)	$V_{out}$ (V)	Acc.Class (%)	$I_{min}$ (A)	$I_{max}$ (A)	$R_L$ ( $\Omega$ )	$f$ (%)	$\delta$ ( $^{\circ}$ )	DCR ( $\Omega$ )	A(max)	B(max)	C(max)	D(max)	E(max)	F( $\pm 3$ )
										mm / inch					
CTP03-27-300-41N	0.03~30	0.999	3	0.03	65	100	-0.200	260	426	$\frac{27.8}{1.09}$	$\frac{31.30}{1.23}$	$\frac{22.85}{0.90}$	$\frac{11.7}{0.46}$	$\frac{12.5}{0.49}$	$\frac{6.0}{0.24}$



### 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.
- $\delta$ ( $^{\circ}$ ): 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<sub>RMS</sub>/1min between windings.
6. Formula of 2nd output : $V_{out}=I_R \cdot R_L / N$ (Turns).
7. Product parts meet UL requirements.