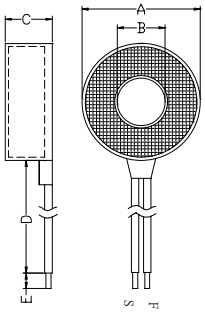
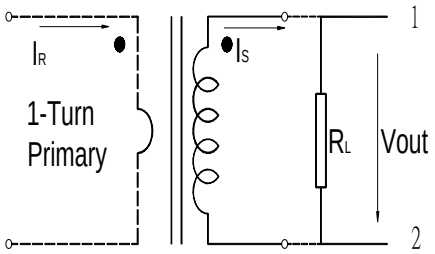
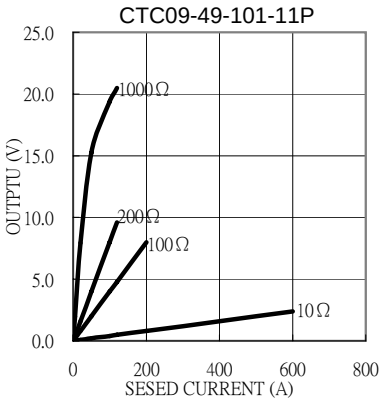
CTC09-49 Series



Test Circuit



Electrical Characteristic										Mechanical Dimension				
Part No.	IR (A)	Vout (V)	Acc.Class (%)	Imin (A)	Imax (A)	RL (Ω)	*f* (%)	δ (')	DCR (Ω)	A(max)	B(max)	C(max)	D(±3)	E(±1)
										mm / inch				
CTC09-49-101-11P	0.05~100	3.998	0.2	0.05	200	100	-0.137	2.3	38	49.05 1.931	19.5 0.77	20.05 0.79	310 12.20	5.0 0.20



Definition:

I_R : Rated Current

Vout: Output voltage.

Acc.Class: Accuracy class.

Imin: Min. detecting current which remains lineality.

Imax: Max. detecting current which remains lineality.

R_L : Load resistance.

f(%): Ratio error.

δ('): Phase shift.

DCR: Sendary 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.**