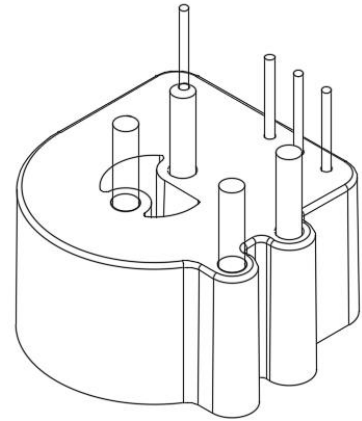


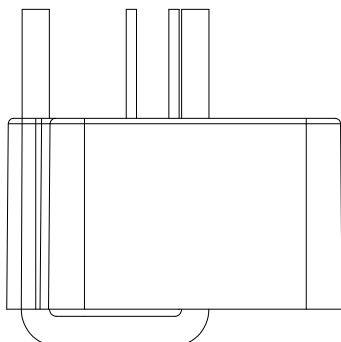
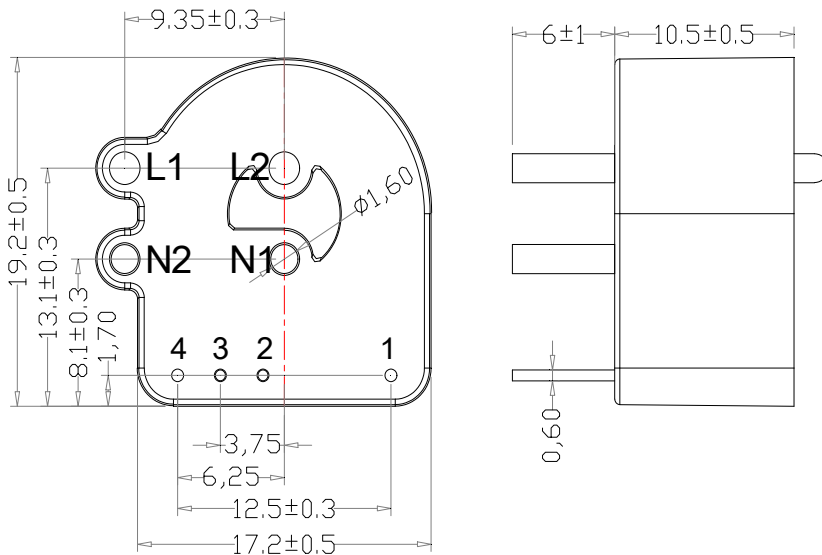
The ECD19-G series are Zero-phase current transformers. The CT is Small size, PCB mounting and low cost



### Electrical Specifications

Rated Current(Amp.) 50/60Hz	50nom
Turns Ratio	$N_p:N_{s1}:N_{s2}=1:5:100$
DCR @ 20 °C (2-3)	6Ω Max.
Secondary Output (mV)	3 min. @ $I_o=10mA$ , $R_L=1K\Omega$
Operating Temp.	-40~65°C
Storage Temp.	-40~85°C
Hi-pot	4KV/1mA/1min

### Mechanical Dimensions in mm



### APPLICATIONS

- Residual current circuit breaker (RCCB)
- Earth leakage circuit breaker (ELCB)
- Ground fault circuit interrupter (GFCI)
- Appliance leakage circuit breaker interrupter (ALCI)
- ZCT for energy storage system (ZCT's)

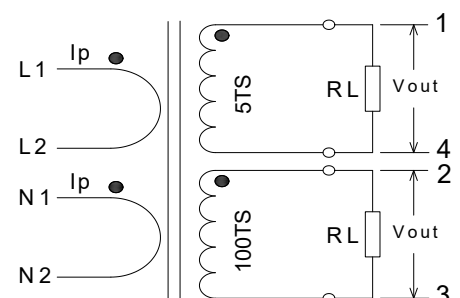
### FEATURES

- PCB Mount
- Rigid case with UL 94V-0 durable plastic
- Output Terminal: 4PIN  $\Phi 1.6/4PIN \Phi 0.6$
- Approximate weight 6.5g
- ANSI C57.13 and IEC61869-2 Standards

### Advantage

- Small size
- Low cost
- Excellent linearity over the whole range
- Fully RoHS Compliant

### Connections Diagram





# Zero-phase Current Transformer Type ECD1950-T01-G

## Change History

Date	Rev	Author	Description
10/4/2021	V0	Henry	Original

### CUSTOMER APPROVED

Approved by	Checked by	Acknowledged by

CUSTOMER P/ N( VER): \_\_\_\_\_