

Description	Zero-Phase Current Trnasformer	Drawn Date	12/10/11
Part No.	ZT013100PL	Sample No.	2408

Mechanical Dimensions in mm

Front view

24.0
10.5

epoxy

UL1007 26AWG wire (black)

S F

Side view

L ← K
9.0

epoxy

5±1

95±5

Mechanical Specifications:
 International Tolerance(mm)

0~3	±0.1
3~6	±0.12
6~10	±0.15
10~18	±0.18
18~30	±0.20
30~50	±0.25
50~80	±0.30
80~120	±0.35

Test Circuit:

1 Turn Primary

I_1

I_s

R_L V_{out}

$V_{out} = I_s \times R_L$ $R_L = 330\text{ohm}$

Photo:

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Electrical Specifications

Rated Primary Current 50Hz/60Hz(Amp.)	50(70)
Turns ratio	Np:Ns=1:1000
D.C.Resistance Max.at 20	50Ω
Rated Output Voltage (mV)	8.5min@Io=25mA, RL=330Ω
Operating Temperature	-20~65
Storage Temperature	-25~85
Dielectric Withstanding Voltage (Hi-pot)	2.5KVrms/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Mechanical Specifications

CUP	5010GN6-30 M8X(PBT)
Encapsulant	epoxy
Output terminal	UL1007 26AWG PVC wire (black)
Approx.Weight	13.8g

Standard(s) & Edition Number for this evaluation:

IEEE C57.13 - STANDARD REQUIREMENTS FOR INSTRUMENT TRANSFORMERS - Edition 1 - Issue Date 2008/03/27,

CSA C60044-1 - INSTRUMENT TRANSFORMERS – PART 1: CURRENT TRANSFORMERS - Edition 1 - Issue Date 2007/03/01

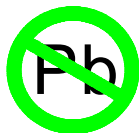
CSA C60044-2 - INSTRUMENT TRANSFORMERS – PART 2: INDUCTIVE VOLTAGE TRANSFORMERS - Edition 1 - Issue Date 2007/03/01

ANSI/IEEE C57.13, "Standard Requirements for Instrument Transformers"

CAN3-C13-M83 "Instrument Transformers Certified for Canada - Component



E318452



RoHS COMPLIANT